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OLDS' CATALOG

Tells the Truth!

MARGLOBE
"The Perfect
Tomato"

1930
43rd.
Year

GOLDEN GLOW
Wisconsin's Outstanding
Variety of Corn

Field & Garden Seeds

Seeds, Bulbs, Plants, Seed Potatoes, Tools,
Fertilizers, Insecticides, Poultry Supplies.

L.L. OLDS SEED COMPANY

Madison, Wisconsin

Vegetable Seed Trials

D. N. Shoemaker

JAN 22 1930

BEANS



PEAS



CORN



PEAS



BEANS



BEET



CABBAGE



PARSLEY



PARSNIP



ONION



SPINACH



RADISH



PEAS



CORN



PEAS



BEANS



RADISH



BEET



CARROT



LETTUCE



CUCUMBER



ONION



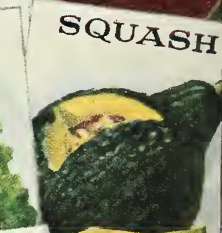
TOMATO



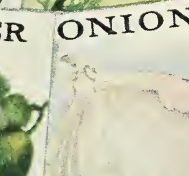
TURNIP



SQUASH



LETTUCE



PEPPER



OLDS' Dollar Collection

30Pkts. Wisconsin Standards

Worth \$3⁰⁰; Price \$1⁰⁰, Postpaid

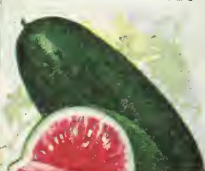
These Thirty Varieties are specially adapted to the home garden. They are not untried novelties—we know from personal experience that each is among the best of its class.

BEANS, Stringless Green Pod (15).....	\$0.10
BEANS, Olds' Pencil Pod Black Wax (24).....	.10
BEET, Olds' Improved Early Blood Turnip (41).....	.10
BEET, Crosby's Egyptian (51).....	.10
CABBAGE, Olds' Early Jersey Wakefield (70).....	.10
CARROT, Oxheart (103).....	.10
CUCUMBER, Olds' Early Fortune (160 1/2).....	.10
CUCUMBER, Olds' Select White Spine (164).....	.10
LETTUCE, Grand Rapids (215).....	.10
LETTUCE, Olds' Wayahead (232).....	.10
MUSKMELON, Olds' Select Osage (239).....	.10
ONION, Olds' Yellow Globe Danvers (285).....	.10
ONION, Olds' Extra Large Red Wethersfield (287).....	.10
ONION, Southport White Globe (292).....	.10
PARSLEY, Champion Moss Curled (305).....	.10
PARSNIP, Olds' Improved Guernsey (310).....	.10
PEAS, Olds' Best Extra Early (320 1/2).....	.10
PEAS, Olds' English Wonder (333).....	.10
PEPPER, Ruby King (350).....	.10
PUMPKIN, Quaker Pie (361).....	.10
RADISH, White Icicle (385).....	.10
RADISH, Olds' Improved French Breakfast (373).....	.10
RADISH, Olds' Crimson Giant (376).....	.10
SPINACH, Bloomsdale (402).....	.10
SQUASH, True Hubbard (411).....	.10
SWEET CORN, Golden Bantam (142).....	.10
SWEET CORN, Olds' Early Evergreen (145).....	.10
TOMATO, Spark's Earliana (425).....	.10
TURNIP, Olds' Purple Top White Globe (465).....	.10
WATERMELON, Kleckley's Sweet (270).....	.10

Total Value\$3.00

Special Price \$1.00, Postpaid.

WATERMELON



CORN



RADISH



MUSK MELON



PUMPKIN



CUCUMBER



ONION





Olds Building at Madison.

PERSONAL GREETING.

Madison, Wis., Jan. 1, 1930.

Dear Friends and Customers:

In presenting this, our 43rd annual catalog, we wish to thank you heartily for your continued patronage and good will.

Our Responsibility. We are members of "The American Seed Trade Association," "The Farm Seed Association of North America," and "The Wisconsin Seed Dealers Association." All of these organizations stand for high standards and strict honesty and integrity in business methods. If not acquainted with us ask your banker as to our financial responsibility. Also ask your neighbors who have bought our seeds if they are satisfied.

Our Catalog is prepared with great care and we think you will like it. "Olds' Catalog Tells the Truth" has been our slogan for many years and we try hard to make it an actual fact. Our aim is to not only correctly represent every variety and every item by description and illustration but also to make the catalog a real guide to the buyer.

Our Seeds Reliable. We pride ourselves on the fact that "Olds' Seeds are Known for Reliability." It is our policy to buy seeds of an unknown firm or of one who has no reputation to sustain. There is too much at stake. Our prices are low, just as low as we can make them consistent with high quality but our chief concern is to maintain high standards.

We respectfully solicit your orders for 1930, assuring you that we will do our very best to merit your confidence in us and in our seeds.

Yours very truly,

L. L. OLDS SEED COMPANY.

L. L. OLDS, President and General Manager.

INSTRUCTIONS FOR ORDERING.

PLEASE USE ORDER SHEET found in the catalog and retain a copy of your order. If you have occasion later on to write us about it give post office address under which it was mailed or number of the order.

WE ACKNOWLEDGE ORDERS when received unless some part is to be sent at once. If any part of the order is mailed right out that answers as an acknowledgment and notice of shipment at the same time, enclosing Bill of Lading.

WE SEND LARGE SHIPMENTS BY FREIGHT unless otherwise instructed. See table of freight rates below.

We have three railroads here at Madison, C. & N. W. C. M. St. P. & L., and I. C.

CUSTOMERS PAY TRANSPORTATION CHARGES on all goods and unless offered postpaid. Garden seed prices in small quantities are postpaid prices, but prices on field seeds and side lines do not include postage unless so stated.

ORDER EARLY. Do this for two reasons. We can give your order more careful and prompt attention if received before we get into the rush, and then we will not have to write for permission to substitute for varieties sold out.

OUR THREEFOLD GUARANTEE.

1. **QUALITY.** We guarantee the quality of the seeds, plants, bulbs and potatoes we send out to the extent that should they not prove as represented we will refill the order or return the money; but we give no further warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, potatoes, bulbs or plants we send out and will not be responsible for the crop. Goods may be returned if not satisfactory.

2. **SAFE ARRIVAL.** We guarantee everything to arrive in good order. If any goods arrive in bad order, however, bags torn or anything else wrong, have this noted on the freight expense bill which must be sent us so that we can make proper claim. The bill of lading must be returned also. Therefore do not lose the bill of lading.

3. **CAREFUL ATTENTION.** We guarantee to give prompt and careful attention to every letter that comes to our office, not only letters containing orders but also letters of inquiry. All remittances are promptly acknowledged in some form and all questions courteously answered and as a rule this is done the day the letter is received.

PRICE CHANGES.

We reserve the right to change the prices of Field Seeds if necessary after February 1st. Beginning with that date we issue **Weekly Price Lists** of Field Seeds giving the prices in effect each week. These price lists are furnished on application and enclosed in catalogs mailed after February 1st. The prices on Garden Seeds and on Side Lines, with just a few exceptions, will remain throughout the season as given in the catalog.

FREIGHT RATES FROM MADISON, WIS., IN EFFECT JAN. 1, 1930.

Per 100 Lbs., Less than Car Lots, to Points Named Below.

(Clovers, Grass Seeds, Garden Seeds and Potatoes go as				third class; Grain, Corn, Poultry Food, etc., fourth class.)				
	3rd.	4th		3rd.	4th.		3rd.	4th.
Antigo, Wis.....	\$0.48½	\$0.36	Aurora, Ill.....	.40	.30	Fargo, N. D.....	1.16	.91
Ashland, Wis.....	.62½	.38½	Bloomington, Ill.....	.49	.36½	Grand Forks, N. D.....	1.29	1.01
Baraboo, Wis.....	.22	.16	Champaign, Ill.....	.53	.39	Fremon't, Neb.....	.92½	.67½
Beloit, Wis.....	.24	.17½	Chicago, Ill.....	.40	.30	Hastings, Neb.....	1.27½	.95
Clinton Jc., Wis.....	.25	.19	Decatur, Ill.....	.52	.39	Lincoln, Neb.....	.92½	.67½
Dodgeville, Wis.....	.24	.17½	Elgin, Ill.....	.38	.28½	Omaha, Neb.....	.84	.60
Eau Claire Wis.....	.45	.34	Freeport, Ill.....	.32	.24	Kansas City, Mo.....	.84	.60
Evansville, Wis.....	.19½	.15	Galesburg, Ill.....	.47½	.35½	St. Joseph, Mo.....	.84	.60
Fond du Lac, Wis.....	.31	.23	Jacksonville, Ill.....	.55	.41	St. Louis, Mo.....	.59½	.44½
Green Bay, Wis.....	.41½	.31	Joliet, Ill.....	.42½	.32	Springfield, Mo.....	1.15	1.07
Janesville, Wis.....	.22	.16	La Salle, Ill.....	.42½	.32	Elkhart, Ind.....	.69	.50
Jefferson, Wis.....	.22	.16	Peoria, Ill.....	.48½	.36½	Fort Wayne, Ind.....	.72½	.53½
La Crosse, Wis.....	.38	.28½	Quincy, Ill.....	.54	.40½	Indianapolis, Ind.....	.76	.56½
Lake Mills, Wis.....	.20½	.15½	Rockford, Ill.....	.33½	.25	South Bend, Ind.....	.66	.49
Lodi, Wis.....	.18½	.15	Rock Island, Ill.....	.42½	.32	Terre Haute, Ind.....	.76	.56½
Lone Rock, Wis.....	.23	.17	Springfield, Ill.....	.53	.39½	Cleveland, Ohio.....	.83	.63
Mauston, Wis.....	.28½	.21	Woodstock, Ill.....	.34	.25½	Columbus, Ohio.....	.84½	.62½
Mazomanie, Wis.....	.19½	.15	Cedar Rapids, Ia.....	.47½	.35	Dayton, Ohio.....	.82	.60
Middleton, Wis.....	.17½	.15	Clinton, Ia.....	.39	.29½	Toledo, Ohio.....	.80½	.59½
Milwaukee, Wis.....	.30½	.22½	Davenport, Ia.....	.42½	.32	Detroit, Mich.....	.82½	.60½
Monroe, Wis.....	.27½	.20½	Des Moines, Ia.....	.55	.41½	Grand Rapids, Mich.....	.74½	.54
Mt. Horeb, Wis.....	.19½	.15	Dubuque, Ia.....	.41	.31	Kalamazoo, Mich.....	.72½	.53½
Platteville, Wis.....	.31	.23	Ottumwa, Ia.....	.54	.40½	Lansing, Mich.....	.80½	.59½
Portage, Wis.....	.22	.16	Sioux City, Ia.....	.84	.60	Port Huron, Mich.....	.84½	.61½
Racine, Wis.....	.33	.25	Waterloo, Ia.....	.52	.38½	Saginaw, Mich.....	.81½	.59½
Redsburg, Wis.....	.25	.19	Duluth, Minn.....	.74	.54	Marquette, Mich.....	.82	.60
Sparta, Wis.....	.34	.25½	Faribault, Minn.....	.68½	.49	Atchison, Kans.....	.84	.60
Stevens Point, Wis.....	.40	.30½	St. Cloud, Minn.....	.85½	.59½	Topeka, Kans.....	1.13½	.83
Stoughton, Wis.....	.17½	.15	St. Paul, Minn.....	.68½	.49	Wichita, Kans.....	1.32	1.04
Sun Prairie, Wis.....	.17½	.15	Winona, Minn.....	.50½	.37½	Fort Smith, Ark.....	1.48	1.16
Watertown, Wis.....	.22	.16	Nitchell, S. D.....	.97	.68	Little Rock, Ark.....	1.36	1.07
Waukesha, Wis.....	.26½	.20½	Sioux Falls, S. D.....	.90½	.64½	Muskogee, Okla.....	1.41	1.11
						Dallas, Texas.....	1.72	1.35
						Denver, Colo.....	1.67	1.29½
						Cheyenne, Wyo.....	1.67	1.29½
						Billings, Mont.....	2.54	2.04
						Miles City, Mont.....	2.32½	1.77
						Seattle, Wash.....	3.67½	3.11
						Spokane, Wash.....	3.13½	2.63
						Portland, Ore.....	3.67½	3.11
						Salt Lake City, Utah	2.77	2.23
						Los Angeles, Cal.....	3.67½	3.11
						San Francisco, Cal.....	3.67½	3.11
						New Orleans, La.....	1.57	1.23
						Phoenix, Ariz.....	3.13½	2.63
						Albany, N. Y.....	1.13½	.79
						Buffalo, N. Y.....	.92	.68
						New York, N. Y.....	1.18	.82½
						Rochester, N. Y.....	.92	.68
						Erie, Pa.....	.92	.68
						Harrisburg, Pa.....	1.15	.79½
						Philadelphia, Pa.....	1.16	.80½
						Pittsburg, Pa.....	.93	.69
						Hartford, Conn.....	1.23	.86½
						Wilmington, Del.....	1.16	.80½
						Bangor, Me.....	1.23	.86½
						Concord, N. H.....	1.23	.86½
						Trenton, N. J.....	1.18	.82½
						Burlington, Vt.....	1.23	.86½
						Boston, Mass.....	1.23	.86½
						Baltimore, Md.....	1.15	.79½
						Richmond, Va.....	1.15	.79½
						Wheeling, W. Va.....	.93	.69
						Memphis, Tenn.....	1.09	.86

PARCEL POST RATES.

1st and 2nd Zones (up to 150 miles from Madison) 7c for the first pound, 1c for each additional pound.

3rd Zone (151 to 300 miles from Madison) 8c for the first pound, 2c for each additional pound.

4th Zone (301 to 600 miles from Madison) 9c for the first pound, 4c for each additional pound.

5th Zone (601 to 1,000 miles from Madison) 10c for the first pound, 6c for each additional pound.

6th Zone (1,001 to 1,400 miles from Madison) 11c for the first pound, 8c for each additional pound.

7th Zone (1,401 to 1,800 miles from Madison) 13c for the first pound, 10c for each additional pound.

8th Zone (over 1,800 miles from Madison) 14c for the first pound, 12c for each additional pound.

Packages must not exceed 70 pounds in weight for the first three zones, and 50 pounds for all other zones.

OLDS' CLOVER SEED.



Such Fields as This Were Very Common All Over Wisconsin Last Fall.

OLDS' WISCONSIN GROWN CLOVER SEED

WISCONSIN CLOVER HADIEST AND PUREST. "No state in America grows a hardier strain of clover seed than Wisconsin." (Wisconsin College of Agriculture Bulletin No. 175.) Our Wisconsin clover seed is not only famous for its hardiness but it is also pure. We are not much troubled with dodder and buckhorn, the two noxious weeds that are so common in some of our neighboring states. Furthermore we are careful in buying to secure only seed that is free from noxious weeds. We have the best up-to-date cleaning machinery and see to it that all the seed we send out is thoroughly re-cleaned and free from dirt and inert matter as well as foreign seeds.

QUALITY EXCEPTIONALLY HIGH THIS YEAR. The Wisconsin clover seed crop the past season was probably the highest in quality ever produced in the state. The fields of Red Clover in evidence all over the state last fall were simply wonderful. The growth was so large and fine that weeds were choked out and there was nothing to be seen but the solid mass of beautiful purplish-red blossoms. As a result our seed is remarkably pure and fine; large, plump seed, beautiful in appearance and also high in tests, both for purity and germination.

SOW CLOVER LIBERALLY THIS YEAR. The crop this year is not only large and fine but the price is low. In fact our catalog price for 1930 is the lowest in 13 years or since 1917. Your farm needs the seed. Nothing can take the place of clover. To quote from Farmers Bulletin No. 455, U. S. Dept. of Agr., "Red Clover may justly be styled the corner stone of agriculture." Farmers are realizing as never before that clover is an absolutely essential farm crop. Your farm loses in fertility quickly if you stop growing clover. Sow plentifully this coming spring.

REASONS FOR SOWING WISCONSIN CLOVER. To sum up, we urge our customers to sow our Wisconsin Grown Clover Seed because of its: hardiness, purity, productiveness, high germination and low cost. (Ask for Wisconsin Bulletin No. 175, "Bring Back Clover.")

PRICES OF MEDIUM RED CLOVER

Old Gold Brand—By mail: Lb., 40c. By freight: Lb., 35c; ½ pk., \$2.00; pk., \$3.90; bu. (60 lbs.), \$15.10; 100 lbs., \$25.00; 500 lbs. at \$24.50. Bags extra at 35c.
Lakes Brand: Pk., \$3.75; bu., \$14.50; 100 lbs., \$24.00; 500 lbs. at \$23.50. Bags extra.
(Our Old Gold Brand represents the best and tests this year around 99 per cent in purity, some 99.5 and over, no bad weeds. Lakes Brand tests about as high but is not quite as fancy in appearance.)

MAMMOTH CLOVER.

Resembles Medium but larger. Best for pasture and fertilizer. Our seed is just as fancy as the Medium.
Prices, Old Gold Brand—By mail: Lb., 40c. By freight: Lb., 35c; ½ pk., \$2.10; pk., \$4.00; bu., \$15.40; 100 lbs., \$25.50; 500 lbs. at \$25.00. Bags extra.
Lakes Brand: Pk., \$3.75; bu., \$14.80; 100 lbs., \$24.50; 500 lbs. at \$24.00. Bags extra.

ALSIKE CLOVER.

Finer and more leafy than Red Clover, but grows to a good height and makes a heavy yield of hay. Goes much farther than Red Clover in seeding and the price is even lower. Our seed is mostly Wisconsin and Minnesota grown.
Prices, by mail—Old Gold Brand: Lb., 40c. By freight: Lb., 35c; ½ pk., \$2.00; pk., \$3.75; bu. (60 lbs.), \$14.50; 100 lbs., \$24.00; 500 lbs. at \$23.50. Bags extra at 35c.
Lakes Brand. Contains 3 to 8 per cent White Dutch Clover and Timothy. Excellent for pasture. Pk., \$3.50; bu., \$13.30; 100 lbs., \$22.00; 500 lbs. at \$21.50.

WHITE DUTCH CLOVER. Very fine for lawns. Our seed is all Wisconsin grown.
Prices, by mail—Old Gold Brand: Lb., 50c; 3 lbs., \$1.35. By freight: Lb., 45c; ½ pk., \$2.75; pk., \$5.25; bu. (60 lbs.), \$19.30; 100 lbs., \$32.00.
Lakes Brand: Pk., \$4.50; bu., \$16.30; 100 lbs., \$27.00.

Note: Prices named here are good until Feb. 1st only. After that ask for our "Weekly Price List."
Samples giving purity and germination tests, free on request.

SWEET CLOVER.

THE GREAT PASTURE CROP AND SOIL BUILDER

"Sweet Clover has an important place in the livestock agriculture of Wisconsin."—Wisconsin Bulletin No. 178.

REASONS FOR SWEET CLOVER'S VALUE:

First—Easily Grown. It grows readily on most all soils and good stands can often be secured where red clover and alfalfa fail entirely.

Second—Prepares for Alfalfa. It has the same sort of bacteria laden nodules as alfalfa and inoculates for that crop.

Third—A Great Pasture Crop. It can be pastured while alfalfa cannot. Leading farmers everywhere are very enthusiastic now over sweet clover as a pasture crop. "Cows on Sweet Clover produce a splendid flow of milk."—Wisconsin Bulletin No. 178.

It makes more feed per acre than the common permanent pastures.

Fourth—Wonderful Soil Builder. "Sweet Clover is an excellent crop for building up worn-out soils."—Wisconsin Bulletin No. 178. It grows faster than red clover or alfalfa and the roots penetrate deeper into the soil.

Fifth—Great Drouth Resister. Owing to its long root system it produces a most abundant and succulent growth during the dry season. It will generally pasture a thousand-pound cow or steer an acre from four to six months.

CULTURE. Sweet clover is best sown in the spring with one bushel of extra early oats or barley per acre as nurse crop. Sweet Clover can also be sown successfully in June or July without a nurse crop or in corn at the last cultivation. A hand seeder like the "Cyclone," offered on page 89, can be used to good advantage where the seed is sown alone. **Fifteen Pounds of Seed per Acre** is usually sufficient, a little less for Grundy County as the seed is smaller. Inoculate the seed before sowing. Use lime if your soil is sour. Be sure to have a good seed bed. Most any well-drained soil is all right for Sweet Clover and you will be pleased with the crop if you do your part in putting it in and handling it right. Ask for Wisconsin Bulletin No. 178, "How to Grow Sweet Clover."

PRICES VERY LOW THIS YEAR. The Sweet Clover Seed crop the past season was again large and prices are remarkably low. A good year to sow seed.



Sweet Clover Taller Than Alfalfa.

(From Wisconsin Bulletin No. 178.)

VARIETIES COMMON WHITE BLOSSOM.

The best probably for pasture and for soil building and the most largely sown for all purposes.

Prices—Old Gold Brand—By mail: Lb., 30c. **By freight:** Lb., 25c; ½ pk., 85c; pk., \$1.65; bu. (60 lbs.), \$6.10; 100 lbs., \$10.00; 500 lbs., at \$9.75. Bags extra.

Lakes Brand: Pk., \$1.55; bu., \$5.80; 100 lbs., \$9.50; 500 lbs. or over at \$9.25. Bags extra.

(Our "Old Gold Brand" is our best grade and beautiful in appearance as well as showing high tests. It is North Dakota grown. Our Sweet Clover is all hulled and scarified. We never send out unhulled seed.)



Field of Alborea Sweet Clover on Krueger Farms, Dodge County, Wisconsin.

GRUNDY COUNTY WHITE BLOSSOM.

This is the famous dwarf strain of Sweet Clover originated in Grundy County, Illinois. It is much better for hay than the Common White Blossom because it is finer and more leafy, also because more easily handled on account of its dwarf growth.

We have a splendid large stock of beautiful Grundy County seed and prices this year are the same as for the Common. For pasture and for fertilizer it is we think just as good as the Common and for hay it is very much superior.

Prices—Old Gold Brand—By mail: Lb., 30c. **By freight:** Lb., 25c; ½ pk., 85c; pk., \$1.65; bu., \$6.10; 100 lbs., \$10.00; 500 lbs., at \$9.75. Bags extra.

Lakes Brand: Pk., \$1.65; bu., \$5.80; 100 lbs., \$9.50.

YELLOW BLOSSOM BIENNIAL.

This is the large strain of Yellow Sweet Clover, biennial the same as the Common White. Some say it is better for pasture than the White because it stays green longer.

Prices—Old Gold Brand: ½ pk., 30c; pk., \$1.75; bu., \$6.55; 100 lbs., \$10.75; 500 lbs., at \$10.50.

ALBOTREA YELLOW BLOSSOM.

Alborea is a new strain of Dwarf Yellow Blossom Sweet Clover originated in Canada. Alborea has been grown several seasons on the Wisconsin Experiment Station Farm and they think very highly of it there. They say it is much to be preferred to the regular Biennial White Blossom and they like it better than Grundy County as it gives higher yields, both of hay and seed.

Prices—By mail: Lb., 35c; 3 lbs., 95c. **By freight:** Lb., 30c; ½ pk., \$1.50; pk., \$2.75; bu., \$10.35; 100 lbs., \$17.00.

HUBAM.

(The Annual Sweet Clover.)

Produces a full crop of both hay and seed all in one year.

Prices—By mail: Lb., 45c. **By freight:** Lb., 40c; ½ pk., \$2.10; pk., \$4.00; bu., \$15.15; 100 lbs., \$25.00.

SOILTEX.

TEST FOR ACID SOIL.

Soiltex is a new, quick, easy and accurate soil testing method, whereby you can determine exactly in a few minutes whether or not your soil is acid and how much lime it needs.

Many farms fail to grow alfalfa and sweet clover successfully, and other crops as well, because needing lime.

Each outfit will make 75 to 100 tests. Full directions, color chart and lime table included. No special knowledge required. Costs less than 2 cents per sample tested.

Price, \$1.00 postpaid.



NOTE: Sweet Clover prices are good until Feb. 1st only. Ask for "Weekly Price List" after that date. Samples free.



Splendid Alfalfa Field on Farm of Swartz Bros., Waukesha County, Wisconsin. This Should be Duplicated on Every Farm.

OLDS' FANCY ALFALFA SEED



We make a specialty of Fancy, High-grade Alfalfa Seed, handling many carloads every year. We secure the best seed obtainable, the purest and hardiest. Our seed can be fully relied on.

VERIFIED ORIGIN and STATE CERTIFIED. All the Common alfalfa seed we send out this year will be "U. S. Verified Origin Seed," and all the Grimm alfalfa seed we send out will be "State Sealed and Certified Seed. Verified Origin" means that a Government tag will appear on every bag verifying the statement as to the locality where the seed was grown.

HARDY DAKOTA ALFALFA No. 12

Hardy Dakota is our leader of all the strains of Common alfalfa. For hardiness and adaptability it is not excelled by any other and it is our best seller. We have a very large stock of beautiful pure seed, all U. S. Verified Origin Seed, most of it bought right on the ground by our Mr. Carr in the Black Hills region of western South Dakota. Do not neglect sowing alfalfa seed this year because the price seems high. It is true the price is high as compared with clover seed but our Dakota and Montana seeds are lower this year than they have averaged for the last five years.

Prices—By mail: Lb., 45c; 3 lbs., \$1.25. By freight: Lb., 40c; ½ pk., \$2.40; pk., \$4.65; bu. (60 lbs.), \$18.10; 100 lbs., \$30.00; 500 lbs. or over at \$29.50 per 100 lbs. Bags extra, 60s at 15c, 150s at 35c.

HARDY MONTANA ALFALFA

Montana Alfalfa has for some years had the reputation of being the hardiest of all common alfalfa. Our stock is in 60s and 150s and is not only "Government Verified Origin" seed but is also "State Sealed and Certified."

Prices—By mail: Lb., 45c. By freight: Lb., 40c; ½ pk., \$2.40; pk., \$4.65; bu., \$18.10; 100 lbs., \$30.00; 500 lbs. at \$29.50. Bags extra, 60s at 15c, 150s at 35c.

FANCY IDAHO ALFALFA

Idaho Grown Alfalfa Seed is proving hardy in the North and the seed is lower in price than Montana and Dakota seed. The crop in Idaho was again short. What seed we have is bright, high testing seed, all "Verified Origin."

Prices—By freight: Lb., 40c; ½ pk., \$2.25; pk., \$4.40; bu., \$16.90; 100 lbs., \$28.00; 500 lbs. at \$27.50.

FANCY UTAH ALFALFA

Utah is the big alfalfa seed producing state. In fact Utah grows about as much seed as all other states combined. This year, however, the crop is way below normal. All the seed we offer is "Verified Origin" seed.

Prices—By freight: ½ pk., \$2.20; pk., \$4.25; bu., \$16.30; 100 lbs., \$27.00; 500 lbs. at \$26.50. Bags extra.

NOTE.—All alfalfa prices are subject to change after Feb. 1st. Write for "Weekly Price List" after that date.

ALFALFA ACREAGE INCREASED IN WISCONSIN. Prof. L. F. Graber, alfalfa expert at the Wisconsin College of Agriculture, makes the statement that Wisconsin farmers harvested alfalfa hay from 328,000 acres in 1929 as compared with 219,000 acres in 1928, an increase of nearly 50 per cent. He says we now have, including new seedlings, fully 400,000 acres in alfalfa in Wisconsin. Let's add 100,000 acres in 1930, making the total 500,000.

ALFALFA SUPERIOR TO CLOVER. "Because of its great yields and drought resistance alfalfa is superior, where it can be successfully grown, to either red or alsike clover." "The average yields of alfalfa hay in Wisconsin are nearly a ton more per acre than those of clover." Extracts from Bulletin No. 374, "Wisconsin's Opportunity with Alfalfa." (We will be glad to mail you a copy of this bulletin free.)



(Courtesy Wis. Coll. of Agr.)



Once a dense growth of Canada thistles. Now a heavy crop of clean alfalfa.
(From Wisconsin Bulletin No. 374.)

GRIMM, THE EXTRA HARDY ALFALFA

Grimm Alfalfa is the hardest of all alfalfa. The seed costs more, but it pays to use it to insure against winter killing when the unfavorable season comes.

The prices of Grimm this year are very reasonable as compared with common alfalfa, way below the average of the last five years.

BLACKFOOT GRIMM.

The Blackfoot Brand of Grimm Alfalfa is a specially choice strain of Grimm grown by an association of Idaho farmers who have absolutely genuine seed and who have all their fields inspected and the seed certified and state sealed. These growers can all positively trace the origin of their seed back to the original Grimm stock of Carver County, Minnesota.

All the Blackfoot Grimm we have to offer this year is of "Grade No. 1" or "Red Tag." We are already sold out of "Blue Tag." The crop was very short. The "Red Tag" is very fine seed, guar-



Grimm alfalfa often survives hard winters when common alfalfa (foreground) may be killed.

(Courtesy Wisconsin College of Agriculture.)

anteed not less than 99 per cent pure and free from dodder and all other noxious weeds.

Prices, "Red Tag"—By mail: Lb., 60c. By freight: Lb., 55c; ½ pk., \$3.50; pk., \$6.65; bu., \$24.70; 100 lbs., \$41.00; 500 lbs. at \$40.50. Sacks free in original 30s and 60s.

DAKOTA STATE CERTIFIED GRIMM.

We have Dakota grown Grimm to offer this year, most of it grown on the Parkin ranch. State Certified and Sealed, in 60-pound sacks, both "Blue Tag" and "Red Tag."

Prices, "Blue Tag"—By mail: Lb., 60c. By freight: Lb., 55c; ½ pk., \$3.60; pk., \$6.95; bu., \$25.90; 100 lbs., \$43.00; 500 lbs. at \$42.50. Sacks free.

"Red Tag": ½ pk., \$3.35; pk., \$6.50; bu., \$24.10; 100 lbs., \$40.00; 500 lbs. at \$39.50.

MONTANA STATE CERTIFIED GRIMM.

We offer this year "Blue Tag," the highest grade Montana State Certified Grimm. Prices: ½ pk., \$3.60; pk., \$6.95; bu., \$25.90; 100 lbs., \$43.00; 500 lbs. at \$42.50. Sacks free.

IDAHO STATE CERTIFIED GRIMM.

We have also "Blue Tag" Idaho Grimm, State Certified and Sealed, the same as the Montana. Prices same as for Montana Blue Tag Grimm.

NOTE.—Prices named here are good until February 1st only. Ask for "Weekly Price List" after that date.



Inoculate

ALL LEGUMES

Alfalfa, All Clovers, Soy Beans, Cow Peas, Vetch, Peas, Beans, Peanuts
with

Every Can Stamped
With Expiration Date
Fresh Every Year



Every 1 bu. Size Can
Packed With More Than
7 Billion Legume Germs

The Original Legume Inoculator With The Date And Germ Count On Every Can

For profitable results, Agricultural Colleges advise inoculation for all legume seed, because it pays well in producing larger quality yields. NITRAGIN inoculated legumes draw their nitrogen from the air—not the soil—with billions of fresh, nitrogen-gathering germs. NITRAGIN leads in high GERM COUNT.

Is fresh each year—
it's DATED. Costs
less than others.

NITRAGIN PRICES Alfalfa, All Clovers, Vetch, Peas, Beans

Size	Inoculates	Price	Size	Inoculates	Price
¾ bu.	15 lbs. seed	\$.40	1 bu.	60 lbs. seed	\$1.00
¾ bu.	30 lbs. seed	.60	5 bu.	300 lbs. seed	4.75

Special Prices on Soy Beans and Cow Peas!

(Note sizes carefully—not packed in smaller sizes)
1 bu. 60 lbs. seed \$.40 | 5 bu. 300 lbs. seed \$1.50
2 bu. 120 lbs. seed .70 | 10 bu. 600 lbs. seed 2.50

GARDEN NITRAGIN

Inoculates from 1 ounce to 8 lbs. seed. Price, \$.25
IMPORTANT: When ordering NITRAGIN, always be
sure to state kind of legume seed you wish to inoculate.

Nitragin Has Served The American Farmer Since 1898



The NITRAGIN
label tells the
whole story—
at a glance

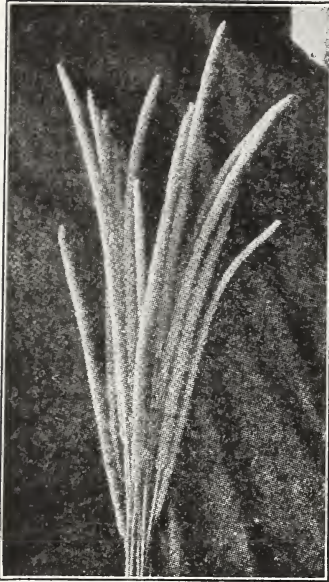


1 bu. size label

Price
Expiration Date
Legume Germ
Count

Insist On
NITRAGIN

OLDS' HIGH GRADE TIMOTHY



Olds' High Grade Timothy
Grows Long Heads.



Recleaned High Grade Timothy Seed is another specialty with us. We sell many carloads every year. Prices are somewhat higher than last year owing to another short crop but are still reasonable enough. Our advice would be to order early as it looks like higher prices before spring.

Prices, Old Gold Brand, by mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 60c; pk., \$1.15; bu. (45 lbs.), \$4.10; 100 lbs., \$9.00; 500 lbs. at \$8.85. Bags extra at 35c.

Lakes Brand: Bu., \$4.00; 100 lbs., \$8.85; 500 lbs. at \$8.70. Bags extra.

(Our "Old Gold Brand" represents the best grade of seed with high tests.)

TIMOTHY AND ALSIKE MIXED. (1-5 Alsike): Pk., \$1.50; bu. (45 lbs.), \$5.50; 100 lbs., \$12.00; 500 lbs. at \$11.75.

(Timothy prices are good until Feb. 1st only. Ask for "Weekly Price List" after that.)

OLDS' FANCY RED TOP.

RED TOP is a very valuable general purpose grass. A good meadow grass, one of the best for pasture and splendid for lawns. Red Top is again very reasonable in price although a little higher than last year.

Fancy Solid Seed. (Recleaned, free from chaff.) By mail: Lb., 40c; 3 lbs., \$1.10. By freight: Lb., 35c; 10 lbs., \$2.75; 100 lbs., \$22.00; 500 lbs. at \$21.50. Bags extra at 35c. Unhulled Red Top. By freight: Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$17.00.

LIGHT GRASSES.

Prices of all the following grasses include sacks. While prices may change in some instances they will probably stand as given here for the season. Ask for special prices in large quantities. We handle only the best grades.

KENTUCKY BLUE GRASS (Fancy). Also known as June Grass. Well suited for pasture, and the standard lawn grass. The crop was splendid the past season and prices are very low. Sow liberally this year. Special prices in large quantity. Old Gold Brand (21 pound seed)—By mail: Lb., 45c; 3 lbs., \$1.20. By freight:

Lb., 40c; 10 lbs., \$3.00; 100 lbs., \$25.00. Lakes Brand (19 pound seed): 10 lbs., \$2.90; 100 lbs., \$24.00.

ENGLISH or PERENNIAL RYE GRASS. The Timothy of England. Does well also in this country. Good for both pastures and meadows. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$14.50.

ITALIAN RYE GRASS. Similar to the preceding but larger and stronger in growth. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$15.50.

FACEY'S RYE GRASS. Similar to English Rye Grass, but smaller and more dwarf. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$2.10; 100 lbs., \$16.00.

AMERICAN RYE GRASS. Grown in the state of Washington. Much cheaper than the European grown rye grass. By freight: Lb., 25c; 10 lbs., \$1.50; 100 lbs., \$10.50.

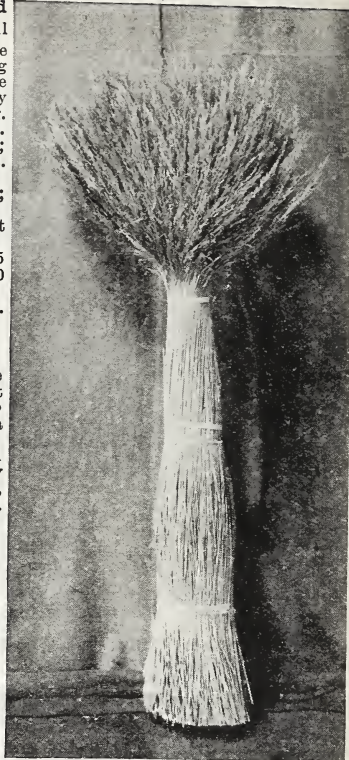
BROME GRASS (Bromus Inermis). Yields enormous quantities of hay. Defies drouth, and not affected by frost. Splendid for a permanent grass. By mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 30c; 5 lbs., \$1.35; 10 lbs., \$2.50; 100 lbs., \$22.00; 500 lbs. at \$21.50.

ORCHARD GRASS. Withstands drouth and will grow in the shade. By mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 10 lbs., \$2.50; 100 lbs., \$21.50; 500 lbs., at \$21.00.

CREEPING BENT. Genuine mixed Bent Grass from South Germany. Much sought after for golf courses. Lb., \$1.00; 10 lbs., \$8.50; 100 lbs., \$75.00.

CHEWINGS' FESCUE. A very fine pure strain of Fescue, selected by a man named Chewings. Grown in New Zealand. By freight: Lb., 45c; 10 lbs., \$4.00; 100 lbs., \$35.00.

ROUGH STALKED MEADOW. By freight: Lb., 55c; 10 lbs., \$5.00; 100 lbs., \$48.00.



Olds' Fancy Red Top.



Bromus Inermis.



Olds' Meadow Mixture.

T A L L MEADOW OAT GRASS. For dry soils. By freight: Lb., 30c; 10 lbs., \$2.50; 100 lbs., \$23.00.

OLDS' PASTURE MIXTURE.

Olds' Pasture Mixture is made up of the best grades of Orchard Grass, Red Top, Timothy, Blue Grass and others.

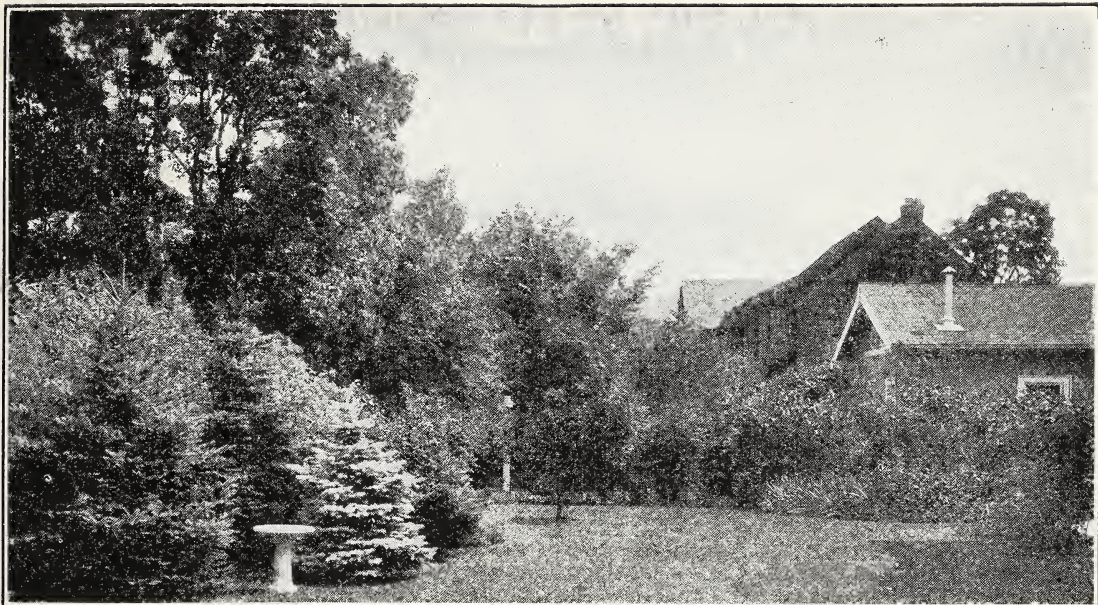
By freight: Lb., 30c; 10 lbs., \$2.00; 100 lbs., \$16.00; 500 lbs. at \$15.50.

OLDS' MEADOW MIXTURE.

For a permanent stand of grass to be cut for hay. It consists of the same grasses as used in our Pasture Mixture, but in different proportions, the Blue Grass being left out. By freight: Lb., 30c; 10 lbs., \$2.00; 100 lbs., \$15.00; 500 lbs. at \$14.50.

If seed is ordered sent by mail at the freight prices, add sufficient to cover postage.

Prices of Field Seeds are subject to change after February 1st.



A Very Satisfactory and Pleasing Lawn and Yard.

(Courtesy Better Homes and Gardens.)

OLDS' LAWN GRASS

Olds' Lawn Grass has won a reputation. We offer four very fine mixtures varying in price according to the amount of highest priced seed used. None of them contain timothy and none are cheap mixtures. Prices are reduced.

CULTURE—Sow Lawn Grass at the rate of one pound for each 300 square feet, or not less than 100 pounds per acre. Spring is usually considered the best time for making a lawn although the seed may be sown any time from early spring until about October 1st, except for a few weeks during the dry time of midsummer. Have the soil thoroughly prepared. Use Vigoro, the new "Lawn Plant Food," for fertilizer. Every lawn, new or old, needs fertilizer. Many lawns need lime also. See page 92.

"THE BEAUTIFUL LAWN," a 20-page illustrated book by Profs. Moore and Aust of the University of Wisconsin. Part I, "Making the Lawn," covers the matters of soil, seed, methods of seeding, etc. Part II, "Care of the Lawn," takes up mowing, fertilizing, weeds and their control, etc. Price, 10c postpaid, or free on request with every lawn grass order.

OLDS' MADISON PARKS LAWN GRASS

Olds' Madison Parks Lawn Grass is a very carefully prepared mixture of high grade, heavy seed, that has been used extensively for several years in the parks about Madison. The seed is composed of White Dutch Clover, Creeping Bent, Rough Stalked Meadow, Chewings' Fescue, Fancy Red Top, Fancy Kentucky Blue Grass and others mixed in proper proportion. We recommend Madison Parks Lawn Grass as our best lawn mixture.

By mail: Lb., 55c; 3 lbs., \$1.55. By freight: Lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 100 lbs., \$35.00.

WISCONSIN SHADY MIXTURE

A new mixture recommended by Prof. Aust. Rough Stalked Meadow, a fine grass that has proven wonderfully successful in dense shade, is very largely used in this mixture. The mixture also contains other high priced grasses that are specially adapted to shaded locations.

There is an increasing demand for a lawn grass that will really do well in the shade. We recommend this new mixture for such places. It takes the place of our former Shady Place Lawn Grass and while it costs a trifle more it is very much better.

By mail: Lb., 65c; 3 lbs., \$1.85. By freight: Lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00; 100 lbs., \$45.00.

OLDS' CAPITAL LAWN GRASS.

Olds' Capital Lawn Grass is made up of substantially the same grasses and the same grades of seed that were used to make the beautiful lawn surrounding Wisconsin's magnificent Capitol building here at Madison. It is composed of heavy seed of the highest germination but contains no White Clover. We recommend it as satisfactory for all ordinary locations.

By mail: Lb., 50c; 3 lbs., \$1.40. By freight: Lb., 45c; 5 lbs., \$1.75; 10 lbs., \$3.50; 100 lbs., \$30.00.

OLDS' OLD GOLD LAWN GRASS.

Olds' Old Gold Lawn Grass is a good mixture at a low price. We have been making it for years and it has given general satisfaction to our customers. This mixture will probably make a better showing the first year than any of the others.

By mail: Lb., 45c; 3 lbs., \$1.25. By freight: Lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00; 100 lbs., \$25.00.



Good Seed and "Vigoro" Made This Lawn.

OLDS' SEED CORN

WE TRIUMPH IN CORN

ADAPTED CORN. Choice Adapted Seed Corn is perhaps our greatest specialty in our entire list of seeds. It is not enough to have corn that will simply grow. You want corn that is adapted and that will produce. We have been constantly improving our corn and developing higher yielding strains, but without sacrificing earliness.

WISCONSIN VARIETIES BEST. Our principal varieties of corn are the ones originated and developed here at the Wisconsin Experiment Station and the ones recommended by them. These varieties, because adapted to our conditions, as well as improved for producing heavy yields, have put Wisconsin on the map as a corn-growing state until now in average yield of corn per acre over a term of years we are ahead of Illinois, Iowa, Missouri, Indiana and Ohio, all so-called Corn Belt states. This is a great triumph for Wisconsin.

WISCONSIN GROWN CORN

OUR CORN GROWN BY SPECIALISTS. We have our corn grown, selected, sorted, dried and graded by a group of expert corn men in different parts of the state who grow the different Wisconsin varieties on a large scale. These men understand the breeding and selecting of corn, as well as the handling and drying. All our Wisconsin corn is fire-dried, most of it in regular corn-drying houses and it is all from select ears. The corn is either tipped before shelling or thoroughly graded after shelling and much of it graded with Hero Corn Graders. See page 89.

CERTIFIED CORN. The Wisconsin Experiment Association has arranged to certify stocks of seed corn of the approved Wisconsin varieties grown by careful growers in accordance with their requirements. The corn must be grown at least 40 rods from any other variety, from Certified or Registered seed, must be true to type, practically free from mixture and show at least 95 per cent germination. All of our special stocks are Certified.

STATE SEALED AND VERIFIED CORN. In addition to having our corn certified by the Wisconsin Experiment Association we have arranged with the Wisconsin Department of Agriculture to have our Special Stocks of Wisconsin Corn State Sealed and Verified as to genuineness. Each bag will be state sealed and accompanied by an official tag. This applies to all our 1929 crops of corn from Jacques, Brueckner, Bishop and Spangler.

OUR GUARANTEE. Note our guarantee as to quality on page one. This applies to corn, as well as other things. We guarantee, however, only to the extent of the amount paid us and will not be responsible for the crop.

"WISKA" SEED CORN

"Wiska" is the name given by the Wisconsin Department of Agriculture to seed corn grown one year in Nebraska from approved Wisconsin seed stocks of the Wisconsin varieties. This corn has proven so very satisfactory when brought back here that our agronomists now recommend it very highly, and have given it this new distinguishing name, "Wiska."

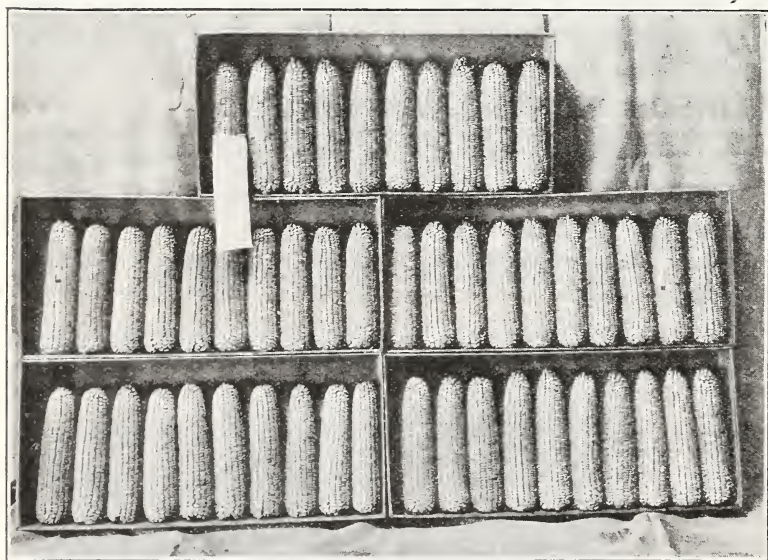
"WISKA" CORN JUST AS EARLY AS WISCONSIN GROWN. Last year after very careful and extensive tests made at the Wisconsin Station under the direction of Prof. A. H. Wright, Associate Agronomist, it was found that there was no appreciable difference in time of maturity between the "Wiska" Corn and corn grown in Wisconsin.

Now after another year's trial Prof. Wright reports that the field tests of the "Wiska" Corn were very satisfactory, up to expectations and fully confirm the tests of the previous year. He says further that aside from the "Wiska" Corn most of the Nebraska corn was very late and his conclusion is that no Nebraska corn except "Wiska" is safe for planting in Wisconsin if ear corn is wanted.

VERIFIED "WISKA" CORN. In order to safeguard the "Wiska" Corn and protect purchasers, a plan has been worked out for State Verification by the Wisconsin Department of Agriculture. All of the "Wiska" Corn we offer this year will be State Sealed and each bag will bear an official state tag certifying as to the genuineness of the corn.

MURDOCK YELLOW DENT. (Wisconsin No. 13.)

Sweepstakes Corn of the Northern Zone.



Murdock Yellow Dent is our favorite variety of corn. It was awarded sweepstakes for the Northern Zone, comprising the states of Wisconsin, Michigan, Minnesota, North Dakota and South Dakota, at the National Corn Expositions of 1909 and 1910, and this in competition with corn of all varieties. Mr. H. C. Brueckner of Jefferson County, Wisconsin, was the exhibitor of this corn. He took more than 35 premiums on it in 12 years.

Murdock Yellow Dent is of a deep yellow color, ears $8\frac{1}{2}$ to $9\frac{1}{2}$ inches in length, hard and solid, just slightly rough and very uniform in type. It makes a large heavy growth of stalk and leaf and so is a good silage variety. Murdock is not a whole lot different from Golden Glow but it grows a trifle larger both in stalk and ear and yields a trifle more. Not quite as early but nearly so.

BRUECKNER MURDOCK. We handled Mr. Brueckner's Murdock Yellow Dent for 13 consecutive years up to the time of his death in 1922, and he was selecting and further improving the corn each year during all that time. Since his death his two sons, Justus and Leo, have continued the work of developing and improving, using their father's methods. All the Brueckner Murdock we offer this

year was grown by the Brueckner brothers. Most of it is from Leo Brueckner and is, we think, a little more uniform in type than any Brueckner Murdock we have ever had before. It also seems to run a trifle larger and it certainly shows the breeding. The corn is all Certified and Verified. See above for explanation.

Our other Wisconsin grown Murdock is fire-dried and choice and most of it from Brueckner seed originally.

PRICES OF MURDOCK YELLOW DENT FOR 1930.

Brueckner Stock: $\frac{1}{2}$ pk., \$1.00; pk., \$1.80; bu., \$5.50; $2\frac{1}{2}$ bus. at \$5.40; 10 bus. at \$5.25. Bags extra at 35c.
Other Wisconsin: $\frac{1}{2}$ pk., 80c; pk., \$1.40; bu., \$4.25; $2\frac{1}{2}$ bus. at \$4.15; 10 bus. at \$4.00. Bags extra.
"Wiska" Corn, from Brueckner Seed: Pk., 90c; bu., \$2.75; $2\frac{1}{2}$ bus. at \$2.65; 10 bus. at \$2.50.
Other Nebraska Grown: Pk., 80c; bu., \$2.50; $2\frac{1}{2}$ bus. at \$2.40; 10 bus. at \$2.25. Bags extra.
Any variety of corn—by mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; 3 lbs., 60c.



Bishop Heavy Yield Golden Glow.

GOLDEN GLOW (Wisconsin No. 12.)

THE OUTSTANDING CORN FOR WISCONSIN.

Golden Glow is the most popular variety of Wisconsin corn. It is grown more largely than any other variety, and in fact it is estimated that half of all the corn grown in the state now is Golden Glow. It certainly is well adapted to all sections of the state as far north as north-central Wisconsin. It is a little earlier than either Murdock or Silver King, hence safer in an unfavorable season.

Description. Golden Glow is a pure golden yellow corn, ears fairly large, the standard official length being $8\frac{1}{4}$ to $9\frac{1}{4}$ inches. It is strictly a Wisconsin corn developed at the Wisconsin Experiment Station.

BISHOP HEAVY YIELD GOLDEN GLOW. We have a specially fine strain of Golden Glow, grown by Mr. W. E. Bishop in Trempealeau County, Western Wisconsin. The Bishop strain is characterized by uniformity of type and color, strong vigorous growth, earliness of maturity, and, most important of all, by "heavy yield." Mr. Bishop almost always reports a yield of around 100 bushels per acre for his entire acreage.

Mr. Bishop has been growing and improving this "Heavy Yield" strain of Golden Glow for many years. This is the thirteenth year that we have offered it. He wrote Oct. 30, 1929, "In regard to the corn I can only repeat that it is by all odds the very best I have ever produced." The stock is State Certified and State Sealed and Verified. See preceding page for explanation of "State Sealed and Verified" corn.

JACQUES' NORTHERN WISCONSIN GOLDEN GLOW. We have again also a stock of fine Golden Glow from Mr. W. H. Jacques, of Pierce County, probably the largest and most experienced seed corn grower in the state. Mr. Jacques' strain of Golden Glow is a wonderfully fine early strain, bred up and improved through a term of years. This stock also is State Certified and State Sealed and Verified. Mr. Jacques writes Oct. 24, 1929, "I think we have the best quality seed corn, at least as far as size and type of ears go and the sorting that we have ever had."

Two of the 3 ears on our front cover are from Mr. Bishop, his last crop, the other ear from Mr. Jacques. Can you tell which is which and did you ever see 3 more perfect ears of Golden Glow?

PRICES OF GOLDEN GLOW FOR 1930.

Bishop Heavy Yield: $\frac{1}{2}$ pkt., 80c; pk., \$1.45; bu., \$4.25; $2\frac{1}{2}$ bus. at \$4.15; 10 bus. at \$4.00. Bags extra.
 Jacques Northern Wisconsin: $\frac{1}{2}$ pk., 80c; pk., \$1.45; bu., \$4.25; $2\frac{1}{2}$ bus. at \$4.15; 10 bus. at \$4.00.
 Other Wisconsin: $\frac{1}{2}$ pk., 75c; pk., \$1.35; bu., \$4.00; $2\frac{1}{2}$ bus. at \$3.90; 10 bus. at \$3.75.
 "Wiska" Corn, from Jacques Seed: $\frac{1}{2}$ pk., 50c; pk., 90c; bu., \$2.75; $2\frac{1}{2}$ bus. at \$2.65; 10 bus. at \$2.50.
 Other Nebraska Grown: $\frac{1}{2}$ pk., 45c; pk., 80c; bu., \$2.50; $2\frac{1}{2}$ bus. at \$2.40; 10 bus. at \$2.25. Bags extra.

TREAT YOUR SEED CORN WITH SEMESAN JR.



Semesan Jr. seed treatment caused this profitable increase of 3 bushels, or more than 25 per cent.

The corn crop of the country is reduced over 80 million bushels per year by diseases that are carried on the seed. Destroy these costly diseases by treating your seed corn with Semesan Jr. Simple, quick, effective. Costs only $2\frac{1}{2}$ ¢ an acre. Harmless to seed, does not slow up the rate of drop. Semesan Jr. destroys harmful disease organisms on the seed, protects seed from rotting in cold wet soil, makes earlier planting possible, controls seedling blight, reduces root and stalk rots and generally increases crop yields. Use 2 ounces per bushel of seed.

Funk Bros. Farms, Illinois. Treatment increased the yield from 66.6 to 73.8 bushels per acre or 7.2 bushels over the untreated.

"We planted 2 bushels of Cold-Resisting Golden Glow and 1 bushel of Murdock the latter part of May and treated all of it with Semesan Jr. The results were wonderful, for the corn was matured the 15th of September." Albert Kortens, of Wisconsin

Use Semesan Jr. this year sure. Play safe against disease and rot and increase your yield.

Prices: 4 oz. size, 50c; 1 lb. size, \$1.75; 5 lb. size, \$8.00; 25 lb. size, \$31.25; not mailable.



Ask for this booklet, "Semesan Jr. for Seed Corn."



Ten Typical Ears of Cold Resistant Golden Glow.

COLD RESISTANT GOLDEN GLOW.

The Best Good-Sized Corn for Central and Upper Wisconsin. Also Fine for All Sections to Resist Cold Weather.



Cold Resistant Golden Glow is a genuine Golden Glow with all the good qualities of that variety and in addition with the cold resistant features bred into it so it will stand unfavorable weather.

We offered it for the first time eight years ago. It is just what its name indicates, a strain of Golden Glow that will resist the cold unfavorable weather we are so apt to have at corn planting time, and permit of earlier planting. With the idea of producing such a corn and something also that would yield well and mature early they worked on this at the Wisconsin Experiment Station for ten years testing it out in different sections.

The Official History and Description of Cold Resistant from Wisconsin Bulletin No. 170 reads as follows:

"Owing to the cool weather which frequently prevails during the early part of the growing season and retards the growth of corn a strain was bred which will continue to grow under conditions too cool for ordinary varieties."

"This work was begun in 1914 by germinating six kernels from each of a large number of ears, in an ice box kept at a temperature of 42° to 45° F. Those ears, of which showed any sign of germination, were kept for further breeding. After six years of selection, a strain of Golden Glow corn was produced which will grow at a soil temperature several degrees lower than that required for the standard Golden Glow strains. In breeding this strain, every effort was made to maintain the size of the ear and stalk and standard Golden Glow Type."

JACQUES COLD RESISTANT. Our Wisconsin Cold Resistant this year is all from Mr. Jacques, who no doubt, has the best strain of Cold Resistant in the State. He wrote us Sept. 26, 1928, as follows: "I have been doing some work on our Cold Resistant the past two years and think we have better corn to offer this year. It runs a full week earlier in maturity than the Golden Glow and that much earlier than it was three years ago."

Mr. Jacques' 1929 crop is still better, the best he ever had. He wrote under date of Oct. 5, 1929 as follows: "Our Cold Resistant is nearly all in and very fine, in fact the best I ever had. We had one 92-acre field that yielded better than 60 bushels per acre, very fine quality, and this on just about average soil too. We have another smaller field, about 30 acres, that is the best I ever had, also Cold Resistant. We have not finished with it yet but it is yielding at the rate of 75 to 80 bushels hard corn."

All the Jacques stock we offer is State Certified and State Sealed and Verified. See page 8 for explanation. PRICES OF COLD RESISTANT FOR 1930. Jacques Stock: 1/2 pk., 85c; pk., \$1.50; bu., \$4.50; 2 1/2 bu. at \$4.40; 10 bu. at \$4.25. Bags extra. "Wiska" Stock, from Jacques Seed: 1/2 pk., 50c; pk., 90c; bu., \$2.75; 2 1/2 bu. at \$2.65; 10 bu. at \$2.50. Other Nebraska Grown: 1/2 pk., 45c; pk., 80c; bu., \$2.50; 2 1/2 bu. at \$2.40; 10 bu. at \$2.25. Bags extra.

WISCONSIN NO. 8

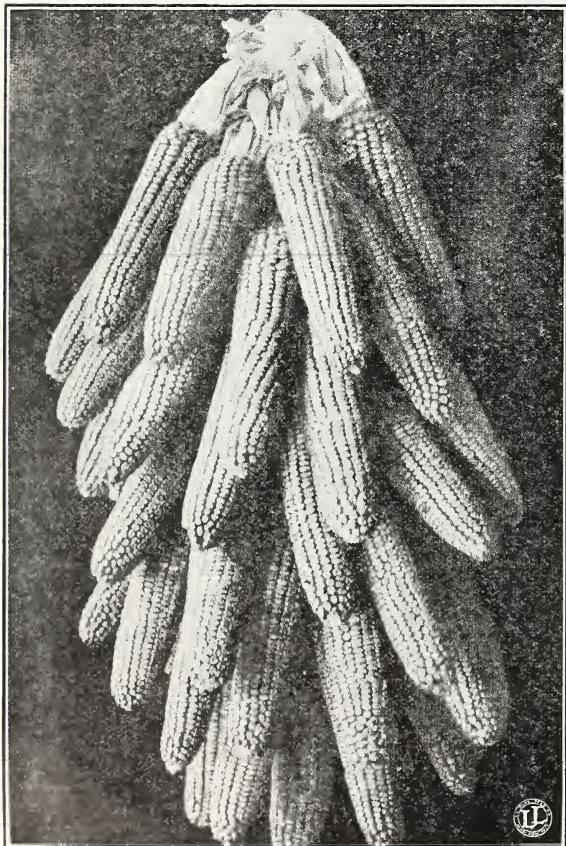
Best Husking Variety for Northern Wisconsin.

Wisconsin No. 8 is probably the earliest of all dent varieties except Wisconsin No. 25. It came originally from Minnesota but has been developed and improved at the Wisconsin Experiment Station, the ears being materially lengthened without sacrificing the extreme earliness. The ears average 7 to 8 inches in length, with good length kernels, very uniform in type and color.

Our Wisconsin No. 8 is all from Mr. Jacques and is State Certified and State Sealed and Verified, the same as the other Jacques corn. He says of it, "I find a good sale for Wisconsin No. 8 and like to grow it, it being about as good a husking variety as there is for North Central Wisconsin. My yield of shelled corn is about the same most years as the larger varieties. While ears are a trifle smaller they have a very good shelling percentage and they are surer to make a crop."

PRICES OF JACQUES WISCONSIN NO. 8:

1/2 pk., 85c; pk., \$1.50; bu., \$4.50; 2 1/2 bu. at \$4.40; 10 bu. at \$4.25. Bags extra.




Wisconsin No. 8.



Ten Ears of Wisconsin No. 25, "The Earliest Corn." Grown by W. H. Jacques, Pierce County, Northern Wisconsin.

WISCONSIN NO. 25 (Northern Yellow Dent)

Earliest of All Wisconsin Varieties.

 This is the corn for the extreme north, way up on Lake Superior. Earlier than any other dent variety, even than Wisconsin No. 8 or Minnesota No. 13 and pronounced by the Wisconsin Experiment Station as "well adapted to the northern sections as a seed and silage variety." It originated at the Ashland Station, a cross of Wisconsin No. 8 and a very early yellow dent which Prof. Delwiche secured from Northern Michigan.

All the Wisconsin No. 25 we have to offer this year was grown by Mr. Jacques. The stock is all State Certified and State Sealed and Verified. It was grown from select, registered and acclimated stock, the seed coming from the Spooner Experiment Station. It is wonderfully fine stock, and not so very small either for such an early variety. Note the size of the ears in the illustration. The Northern Wisconsin Experiment Station has had yields as high as 90 bushels per acre on test plots.

We recommend this corn for the extreme northern counties of Wisconsin and for the same latitude in other states. A little farther south plant Wisconsin No. 8 or Minnesota No. 13 and still farther south Cold Resistant or other Wisconsin varieties. Our Jacques stock of this corn this year is certainly very fine. We do not see how it could be better for an extra early. The price is a little higher than for other varieties, as it costs more to grow it.

Prices: 1/2 pk., 80c; pk., \$1.55; bu., \$4.50; 2 1/2 bus. at \$4.40; 10 bus. or over at \$4.25. Bags extra.

IMPROVED SMUT NOSE FLINT

Best of All Flints.

Developed, improved and sent out by the Wisconsin Experiment Station. They consider it more prolific than any other Flint and it also has a better stalk. It has a long ear with eight rows of large, yellow kernels. Our stock of this variety was grown in Jefferson County, Wisconsin, by Spangler Bros., growers of our Spangler Silver King. It is fire-dried the same as all our other Wisconsin corn and is very choice. It is also State Certified.



Jacques Minnesota No. 13.

Our Spangler Smut Nose that we offer this year is we think about the nicest flint corn we ever handled. As we inspected it in Spangler Brothers' corn drying house before it was shelled we found the ears all long, large and well developed, carefully selected and beautiful stock. Order this corn if you want something extra fine in flint.

Prices: 1/2 pk., 80c; pk., \$1.55; bu., \$4.50; 2 1/2 bus. at \$4.40; 10 bus. at \$4.25.

MINNESOTA No. 13

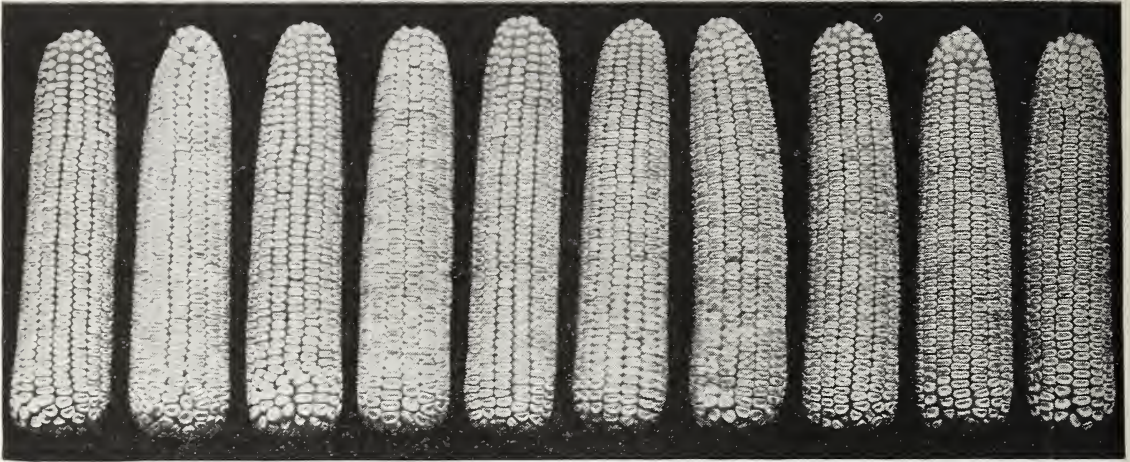
Minnesota's most famous variety of corn. Minnesota No. 13 is to Minnesota what Golden Glow is to Wisconsin, the outstanding variety for the State. A good 90 day corn, similar in type to Golden Glow, somewhat smaller in ear and stalk and about a week earlier.

Our stock is all from Mr. Jacques and is Certified and State Sealed and Verified. He says of it. "I have the nicest lot of this variety this year I ever had and yield per acre was big and ears very nice looking. It was only 22 per cent moisture when husked so is sure to be plump, nice looking corn. In my opinion Minnesota No. 13 is as good a husking corn as there is for central Wisconsin. I like to grow such varieties as Wisconsin No. 8 and Minnesota No. 13 as my yield of shelled corn on them is about the same most years as of the larger varieties. Order our Jacques Minnesota No. 13 if you want to secure the best strain obtainable of this celebrated Minnesota variety.

Prices: 1/2 pk., 75c; pk., \$1.45; bu., \$4.25; 2 1/2 bus. at \$4.10; 10 bus. at \$4.00.



Improved Smut Nose Flint.



Ten Ears of Spangler Silver King, Grown by Spangler Brothers, Jefferson County, Wisconsin.

SILVER KING (Wisconsin No. 7)



By Far the Best White Dent for Southern Wisconsin, Northern Illinois and Iowa.

Silver King is not only the best white variety but one of the best and heaviest yielders of all varieties of corn for southern Wisconsin. It came from northern Iowa to Wisconsin in 1904. We first offered it in 1907. Now it is well known and a standard sort. It is a big yielder and specially fine for the silo. The Official Description from Wisconsin College of Agriculture Corn Bulletin No. 170, is as follows:

"This variety is a uniform creamy white in color and has a slight roughness of kernel. The cob is glistening white. The length of ears varies from 7 to 10 inches. The standard length is from $8\frac{1}{2}$ to $9\frac{1}{2}$ inches. The foundation stock of Silver King was secured from John Banks, Algona, Iowa, by the Wisconsin Experiment Station in 1904. Since that time it has been improved by ear-to-row breeding and adapted to Wisconsin climatic conditions. This variety breeds true to type and is one of the best yielders for crib and silage corn in the southern half of the state. Reports from Experiment Association members show a six year average yield (1918-1923) of 62.1 bushels per acre, an increase of 18.9 bushels above the state average."

SPANGLER SILVER KING. Our Spangler Stock of Silver King, grown by Spangler Brothers, Jefferson County, is an unusually fine strain, bred to a rather large rough type. The Spanglers have taken many prizes, including "First on Ten Ears" and "First on Single Ear" at the 1924 State Grain Show, "Sweepstakes on Ten Ears" at the 1925 Show and "Seventh on Single Ear" at the Chicago International, 1923. Also, "First on 50 Ears Silver King" and "First on Single Ear" at the 1927 State Grain Show, "First on Single Ear" and "First on Ten Ears" at Aurora Central States Fair and a lot more prizes at State and County Fairs. We inspected their 1929 crop in October as it was being dried in the corn house and while they have always grown beautiful Silver King this crop seemed to us a little the nicest we ever saw, ears the most uniform in type, the best filled out and running a little larger even than usual. It is State Certified and State Sealed and Verified. See page 8 for explanation.

JACQUES NORTHERN STOCK. Our Jacques Silver King from Mr. W. H. Jacques, of Pierce County, is also very fine and is also State Certified and State Sealed and Verified.

We recommend the Jacques stock for our customers living pretty well North. It is a decidedly early strain and in fact Mr. Jacques says it seems to be fully as early as his Golden Glow. At the same time it is by no means a small strain. He says it is his best yielder of all his varieties, giving him an average of better than 75 bus. per acre.

PRICES OF SILVER KING FOR 1930.

Spangler Stock: $\frac{1}{2}$ pk., 80c; pk., \$1.50; bu., \$4.50; $2\frac{1}{2}$ bus., at \$4.40; 10 bus. at \$4.25. Bags at 35c each.
 Jacques Stock: $\frac{1}{2}$ pk., 80c; pk., \$1.50; bu., 45c; $2\frac{1}{2}$ bus., at \$4.40; 10 bus. at \$4.25. Bags extra.
 Other Wisconsin Grown: $\frac{1}{2}$ pk., 75c; pk., \$1.40; bu., \$4.25; $2\frac{1}{2}$ bus. at \$4.15; 10 bus. at \$4.00.
 "Wiska," from Spangler Seed: $\frac{1}{2}$ pk., 50c; pk., 90c; bu., \$2.75; $2\frac{1}{2}$ bus. at \$2.65; 10 bus. at \$2.50.
 Other Nebraska Grown: $\frac{1}{2}$ pk., 45c; pk., 80c; bu., \$2.50; $2\frac{1}{2}$ bus. at \$2.40; 10 bus. at \$2.25. Bags extra.



Another Picture of Spangler Silver King. Did you Ever See More Beautiful Corn? four ounce size, treats 2 bushels.

WHY USE SEMESAN JR.?

First. It Makes Early Planting Safer. Seed treatment with Semesan Jr. greatly reduces the risk of corn rotting in cold, wet soil.

Second. It Produces Better Germination and Stands. J. H. Petty of Iowa, says, "The Semesan Jr. treatment not only increased germination, but also hastened the germination, increased the stalk growth and caused a marked yield increase."

Third. It is Effective in Controlling Certain Diseases. Semesan Jr. is especially effective against seed-borne infections of Diplodia and Gibberella, also other common diseases.

Fourth. It Improves Quality and Yield. H. Kirkendall of Iowa says, "I used Semesan Jr. on 8 acres of corn and in my entire neighborhood this was the only solid corn."

Fifth. It is Easily Applied. It requires simply a few minutes mixing in a fruit jar or milk can; does not interfere with planting.

Sixth. The Cost is Slight. A four ounce size, treats 2 bushels.

(See page 9.)

NEBRASKA GROWN CORN.

The corn offered on this page is all Nebraska grown except the Red Cob Ensilage, which is Missouri grown. That means of course that it will all be later in maturing than Wisconsin corn. It is all good seed corn, however, is well graded and shows high germination tests. We like to see Wisconsin farmers and other Northern farmers order Wisconsin Grown Corn or "Wiska" Corn for their general planting as we know it will give the best satisfaction. For silage and for fodder of course the Nebraska corn will do very well, however, and the price will have its attraction.

WHITE CAP YELLOW DENT.

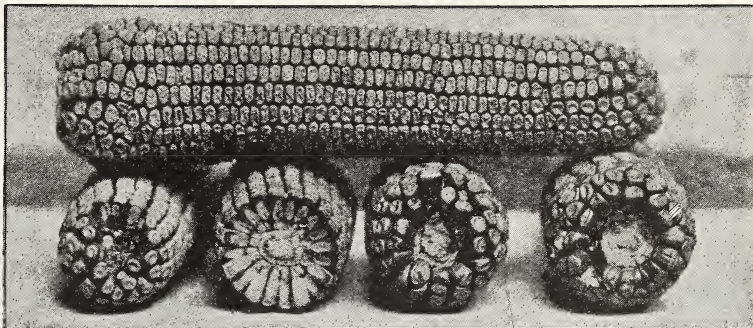
This has been a popular variety for years. Kernels are yellow or nearly so except on the outer ends, where they are white. Medium early. Grows quite a large ear, 9 inches or more. Excellent for a silo corn.

Prices: $\frac{1}{2}$ pk., 45c; pk., 80c; bu., \$2.50; $2\frac{1}{2}$ bus. at \$2.40; 10 bus. at \$2.25. Bags extra.

GIANT RED COB ENSILAGE.

A very large pure white corn with red cob. It grows the largest, doubtless, of any variety of corn and is the favorite for planting in the north for a large growth of green fodder. Does not ordinarily develop ears in the north. Missouri grown.

Prices: $\frac{1}{2}$ pk., 45c; pk., 75c; bu., \$2.25; $2\frac{1}{2}$ bus. at \$2.15; 10 at \$2.00.

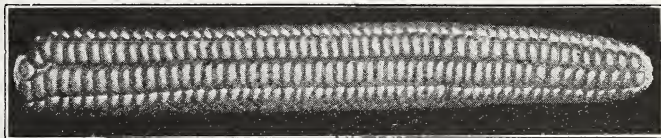


Reid's Yellow Dent, A Very Popular Large Yellow Corn.

REID'S YELLOW DENT.

Reid's Yellow Dent is doubtless more largely grown throughout the corn belt than all other varieties of yellow corn combined. It is of a light golden color; ears long and solid, shelling 88 per cent grain and often better. It is the favorite for exhibition purposes. Because of its very large growth it is a very profitable variety to plant in the North for silo. We sell it in large quantities for that purpose, especially to the dairy farmers of northern Illinois and southern Wisconsin.

Prices: $\frac{1}{2}$ pk., 45c; pk., 80c; bu., \$2.40; $2\frac{1}{2}$ bus. at \$2.30; 10 bus. at \$2.15. Bags extra at 35c.



Early Longfellow, the Most Popular Flint.

EARLY LONGFELLOW FLINT.

The most popular of all flint varieties. It is a beautiful 8-rowed yellow flint, with long, straight ears, 10 to 15 inches long. Ripens in 75 days. We ordinarily have more call for Longfellow than for all other varieties of flint combined.

Prices: $\frac{1}{2}$ pk., 70c; pk., \$1.25; bu., \$3.75; $2\frac{1}{2}$ bus. at \$3.65; 10 bus. at \$3.50. Bags extra.

KING PHILIP FLINT.

A very early, 8-rowed red flint. Ripens in 70 to 80 days.

Prices: $\frac{1}{2}$ pk., 70c; pk., \$1.25; bu., \$3.75; 10 bus. at \$3.50.

SANFORD'S WHITE FLINT.

A heavy yielding, 8-rowed flint with large ears. The ears are 12 to 15 inches long with large, broad kernels of a flinty white color.

Prices: $\frac{1}{2}$ pk., 70c; pk., \$1.25; bu., \$3.75; $2\frac{1}{2}$ bus. at \$3.65; 10 bus. at \$3.50.

GENESEE VALLEY FLINT.

A heavy yielding flint, a little larger and a very little later than Longfellow, with a larger and a broader kernel. Reddish yellow instead of pure yellow. A very vigorous grower.

Prices: $\frac{1}{2}$ pk., 65c; pk., \$1.15; bu., \$3.50; 10 bus. at \$3.25.

COMPTON'S EARLY YELLOW FLINT.

An extra early variety with large ears, averaging 10 inches in length, usually 12-rowed. Small, rich golden-yellow kernels.

Prices: $\frac{1}{2}$ pk., 65c; pk., \$1.15; bu., \$3.50; 10 bus. at \$3.25.

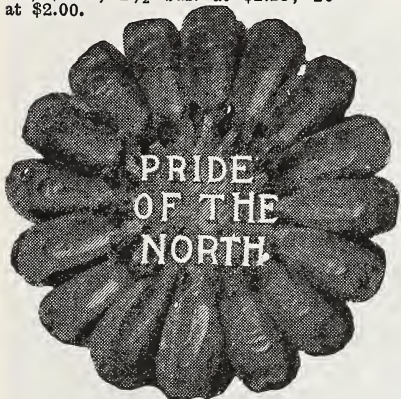
IMPROVED LEAMING.

The Leaming is the oldest distinct variety of corn, having been originated in 1820. It is a standard yellow corn, well adapted to northern and central Illinois and the most of Iowa, and similar latitudes. In fact, it is grown with success in southern Wisconsin and is in great demand in the North as a silage corn. Largely planted by dairy farmers.

Prices: $\frac{1}{2}$ pk., 45c; pk., 80c; bu., \$2.40; $2\frac{1}{2}$ bus. at \$2.30; 10 bus. at \$2.15. Bags extra.

Any variety of corn on our list—By mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; 3 lbs., 60c. Samples showing tests free. Half bushels at bushel rates. Bushel sacks extra at 10c for quantities over one peck; grain bags holding $2\frac{1}{2}$ bushels, 35c each.

Prices of corn are subject to change after February 1st. Ask for "Weekly Price List" after that date. Corn prices are certainly very reasonable now. Better place your order at once.



PRIDE OF THE NORTH.

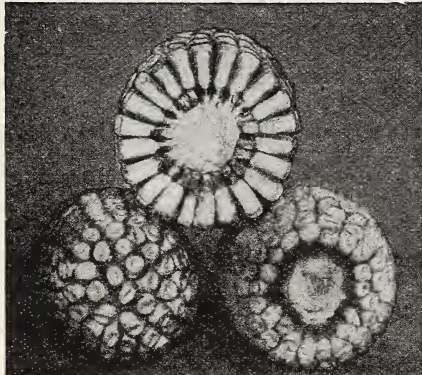
The old, well-known standard early Yellow Dent. Ears not large but kernels very deep with very small cob. Probably no other variety furnishes as large a percentage of shelled corn.

Prices: $\frac{1}{2}$ pk., 45c; pk., 80c; bu., \$2.50; $2\frac{1}{2}$ bus. at \$2.40; 10 at \$2.25.

EVERGREEN SWEET FODDER CORN.

A fodder grade of Stowell's Evergreen Sweet Corn. See page 41 for description.

Prices: $\frac{1}{2}$ pk., 85c; pk., \$1.50; bu. (45 lbs.), \$4.50; $2\frac{1}{2}$ bus. at \$4.40; 10 bus. at \$4.25.



Improved Leaming.

OLDS' SEED OATS

WE SPECIALIZE IN OATS.

CHOICE SEED OATS are decidedly a leader with us. Our oats are mostly grown on contract by careful farmers around Madison. We furnish the stock seed, watching and inspecting the crops as they grow. The crops are finally delivered at our warehouse, where we thoroughly clean and grade the grain with our up-to-date cleaning machinery.

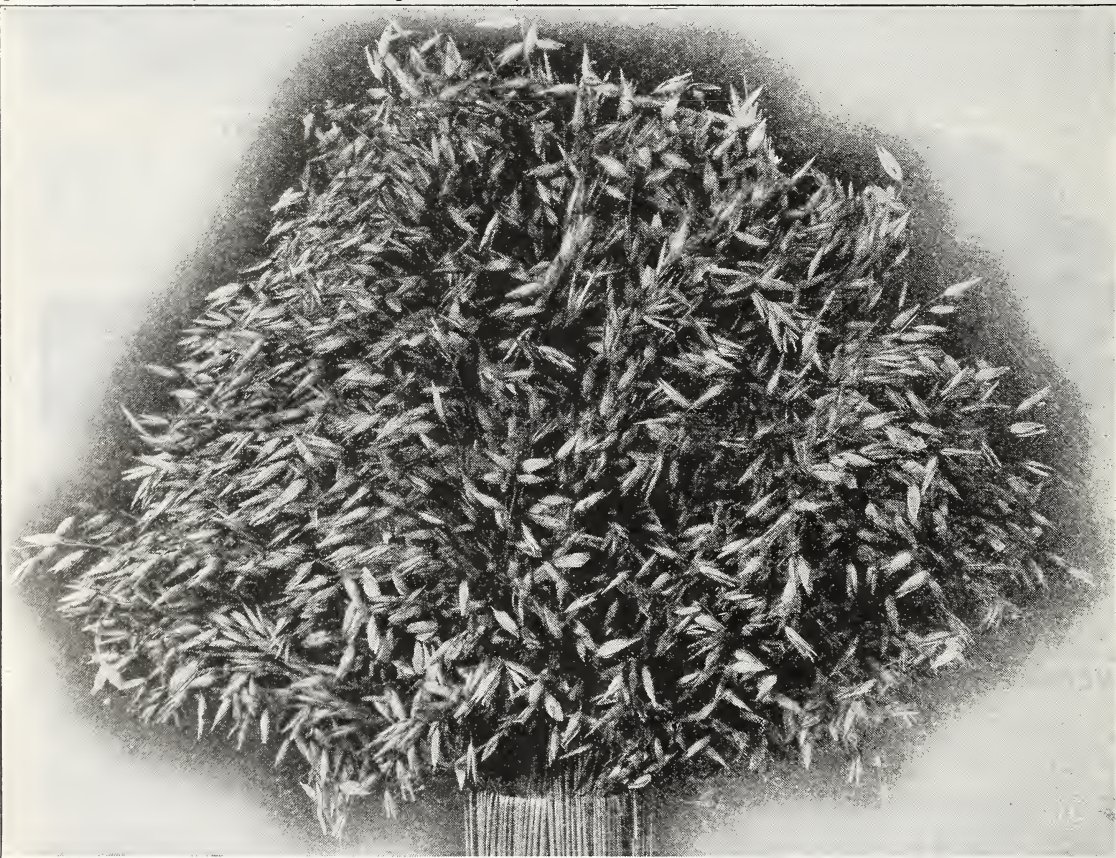
WISCONSIN PEDIGREE VARIETIES. We handle principally the Pedigree varieties of oats developed at the Wisconsin Experiment Station. These are the best strains of oats we know anything about.

REGISTERED SEED. Registered Seed as defined by the Wisconsin Experiment Association is seed that was grown from either elite or registered seed, that has been both field inspected and sample inspected by the Experiment Association and shows a purity test of not less than 99.6 per cent. There must be not more than one kernel per pound of other varieties or kinds of grain, no noxious weed seeds, not more than 1-10 per cent of other weed seeds and not more than 2-10 per cent of inert matter. The grain must be grown from seed treated for smut and show not more than a trace of smut. Most of our growers treat with Ceresan. See page 16. Germination must be at least 90 per cent, weight not less than 30 pounds. By elite seed is meant seed that was grown on the station farm here at Madison and this is all hand rogued.

CERTIFIED SEED. Certified Seed calls for the same inspections as Registered Seed, with freedom from noxious weeds, the purity test not less than 99.5 per cent. There must be not more than 5-10 per cent mixture of other varieties and not more than 1-10 per cent other kinds of grain, otherwise the same requirements as for Registered Seed.

STANDARD SEED. Our Standard Seed is pure and clean, nearly equal in appearance to the Registered and Certified Seed, and just as carefully cleaned but usually from crops that were not field inspected.

OFFICIAL TAGS. We are using on the bags this year official certification tags authorized by the Wisconsin Experiment Association, blue tags on the Registered Seed, red tags on the Certified Seed.



Prize Sheaf of State's Pride at one of the Grain Shows of the Wisconsin Experiment Association.

STATE'S PRIDE (WISCONSIN PEDIGREE NO. 7)

Most Popular Early Oat and Best Yields of all Oats at Wisconsin Experiment Station Farm Over a Period of 8 years. State's Pride is a new pedigreed variety of oats originated at the Wisconsin Experiment Station. We were the first to offer it. It has come to be a leader with us and continues to grow in popularity each year. In fact, it almost looks now as if no other variety of oats was wanted by our customers.

Description. State's Pride is a small yellow oat, bright and shiny, with a very thin hull. In fact it is about all meat, very heavy and a great oat for feeding. It is very early. Indeed the earliest of all varieties, some 25 or 30, grown at the Wisconsin Station. This is of great importance as it escapes the rust so apt to hit oats.

It has a short stiff straw and has stood up the best of all oats at the Wisconsin Station Farm. Another thing about this oat is its hardness. Prof. Leith says it is the hardest of anything, resists heat and withstands unfavorable conditions. It is fully recommended for rich soils where ordinary oats will not do well at all.

PRICES OF STATE'S PRIDE FOR 1930.

Registered Seed—By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 25c; pk., 40c; bu., \$1.35. (Bushel sacks extra at 10c.) 2½ bus. at \$1.30; 10 bus. at \$1.25; 25 bus. or over at \$1.20. (Cotton grain bags extra at 35c.)

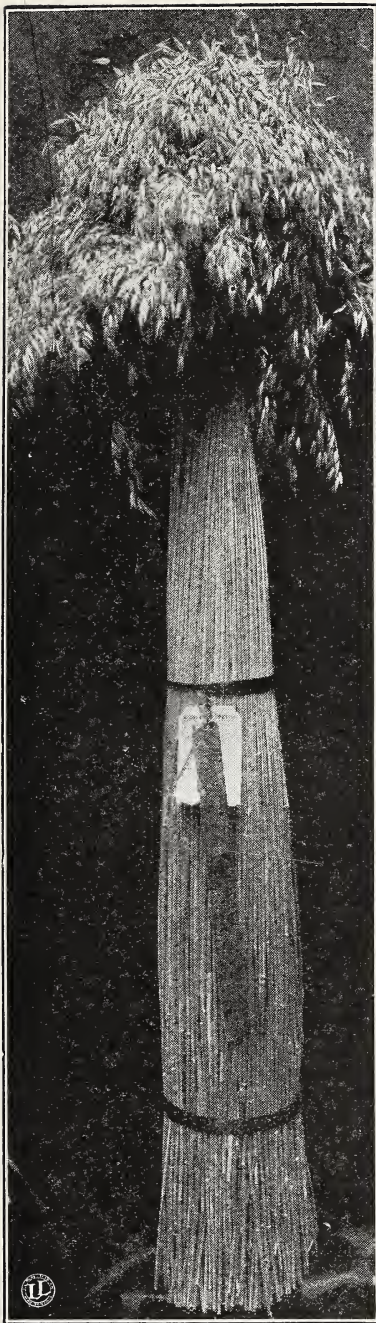
Certified Seed: Bu., \$1.25; 2½ bus. at \$1.20; 10 bus. at \$1.15; 25 bus. at \$1.10. Bags extra.

Standard Seed: Bu., \$1.15; 2½ bus. at \$1.10; 10 bus. at \$1.05; 25 bus. at \$1.00. Bags extra.

(See what we say about "Certified Seed" and "Registered Seed" at the top of this page. All orders for less than one bushel will be filled from Registered Seed.) (We ship oats mostly in grain bags this year instead of jutes.)

Note—Field Seed prices are subject to change after Feb. 1st. Ask for "Weekly Price List" after that date.





Sheaf of White Cross. First Prize Oats at Wisconsin State Fair.

BIG FOUR OATS

Big Four is a standard medium variety of white oats popular the country over. We used to grow them extensively and always found them a splendid yielder. The stock we offer this year was grown right near Madison and is bright, heavy and plump.

Prices: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.15; $2\frac{1}{2}$ bus. at \$1.10; 10 bus. at \$1.05; 25 bus. at \$1.00. Bags extra.

WHITE CROSS (Wis. Pedigree No. 19)



"Finest Appearing Early Oat." Prof. B. D. Leith.

White Cross is a new Pedigree variety recently developed at the Wisconsin Experiment Station.

In this variety the attempt has been made to produce a white oat of larger size than State's Pride but still maintaining the earliness and high yield. The result has been wonderfully satisfactory.

These are the outstanding features of White Cross:

First, it is extra early, almost as early as the famous State's Pride. Second, it is white instead of yellow, with a good sized grain, making it as Prof. Leith says, "the finest appearing early oat." Third, it is a heavy yielder, second only to State's Pride at the Wisconsin Experiment Farm and some years outyielding that variety.

Fourth, it grows a taller straw than State's Pride and can always be easily harvested by the binder even on thin poor land.

Fifth, it is the best early oat for light soils, outyielding all other earlies.

PRICES OF WHITE CROSS FOR 1930:

Registered Seed: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.35; $2\frac{1}{2}$ bus. at \$1.30; 10 bus. at \$1.25; 25 bus. or over at \$1.20. Grain bags holding $2\frac{1}{2}$ bushels each extra at 35 cents.

Standard Seed: Bu., \$1.15; $2\frac{1}{2}$ bus. at \$1.10; 10 bus. at \$1.05; 25 bus. at \$1.00. Bags extra.

(Note—Found prices, all varieties of oats, same as for State's Pride.)



Field of Forward Oats. (Courtesy of Prof. E. J. Delwiche.)

FORWARD (Wis. Pedigree No. 1241)

Forward is a new pedigreed variety of oats that we offered three years ago for the first time.

Wisconsin Bulletin 340 describes it as follows:

"It has a white, fairly plump kernel of medium length. The variety stands out conspicuously as the best yielding oats for the northern, or Lake Superior region."

Our stock of Forward Oats this year was grown in northern Wisconsin, not far from Lake Superior. This stock is very fancy stock—heavy, plump, beautiful oats, although not certified.

Prices, Fancy Northern Wisconsin: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.25; $2\frac{1}{2}$ bus. at \$1.20; 10 bus. at \$1.15; 25 bus. or over at \$1.10. Bags extra.

White Kherson (Iowa No. 103)

White Kherson or Iowa No. 103 is a distinct variety originated at the Iowa Experiment Station.

Prof. Burnett of the Iowa Agricultural College said of it: "Iowa No. 103 is a 'pure line.' It is an early white oat that resembles the Kherson in its manner of growth. It has outyielded the Kherson both here at the Station and in the farmers' tests the last two seasons."

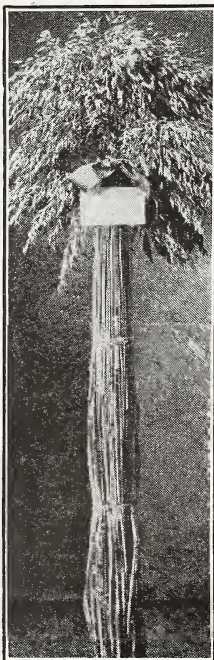
We grew and handled White Kherson for a number of years and it gave splendid satisfaction to our customers both for yield and appearance. When White Cross came out we discontinued it because we wanted to give the preference to Wisconsin varieties. As our stock of White Cross this year, however, is limited we have secured a fine, large supply of White Kherson from Northern Iowa. These Northern Iowa grown White Kherson are very fine, pure, clean, bright, heavy and plump, indeed fancy.

Prices: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.15; $2\frac{1}{2}$ bus. at \$1.10; 10 bus. at \$1.05; 25 bus. or over at \$1.00. Bags extra.

GOLD MINE OATS

Gold Mine is a sort of an ironclad. It makes a big strong growth, 4 feet high or more, with splendid, stiff straw and large bushy heads. The grain is heavy, plump and of large size. Oats of a shiny golden yellow color.

Prices: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.10; $2\frac{1}{2}$ bus. at \$1.05; 10 bus. at \$1.00; 25 bus. at 95c. Bags extra.



White Kherson.



Wisconsin Pedigree No. 1 on University of Wisconsin Farm. This Plat Yielded 110.6 Bushels per Acre.

WISCONSIN PEDIGREE No. 1.

Wisconsin Pedigree No. 1 is a pure white oat, good sized, nice appearing, with rather long kernels. It originated at the Wisconsin Experiment Station in 1901. About 100 other new varieties of oats were started at the same time. Pedigree No. 1 proved the best. It is medium in season.

Certified Seed: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.25; $2\frac{1}{2}$ bus. at \$1.20; 10 bus. at \$1.15; 25 bus. at \$1.10. Standard Seed: Bu., \$1.10; $2\frac{1}{2}$ bus. at \$1.10; 10 bus. at \$1.05; 25 bus. or over at \$1.00. Bags extra.

WISCONSIN PEDIGREE No. 5.

Wisconsin Pedigree No. 5 is a pure-line selection from the Swedish Select. It was sent out by the Wisconsin Experiment Station about 1913. It grows medium to tall in height with large, thick, spreading heads. The kernels are large, pure white and very plump. They are just the type of oats most desired in market and they always bring the highest price. They are heavy in weight, and are great yielders. In season about medium.

Registered Seed: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.35; $2\frac{1}{2}$ bus. at \$1.30; 10 bus. at \$1.25; 25 bus. at \$1.20. Certified Seed: Bu., \$1.25; $2\frac{1}{2}$ bus. at \$1.20; 10 bus. at \$1.15; 25 bus. or over at \$1.10. Bags extra.

VICTORY (Minnesota No. 514)

A very fine new variety of oats developed at the Minnesota Experiment Station from seed secured from Svalof, Sweden. It is a pure white oat, thick, meaty and plump, somewhat like Swedish Select. Grows a fairly tall straw with branching heads, medium in season. Good yielder. Our stock was grown in Northern Wisconsin, close to Lake Superior. This stock is extra fancy, bright, heavy and plump.

Prices: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.25; $2\frac{1}{2}$ bus. at \$1.20; 10 bus. at \$1.15; 25 bus. at \$1.10.

SWEDISH SELECT (Wis. No. 4)

Swedish Select for years was considered "the best American Oat," and it is perhaps more largely grown throughout the whole country today than any other single variety. Handsome in appearance, with short, thick, very plump kernels, pure white in color, vigorous in growth, medium early. Does best on clay soils.

We have some wonderfully fine Swedish Select to offer this year, most of them from the Lake Superior Region. Prices: Pk., 40c; bu., \$1.20; $2\frac{1}{2}$ bus. at \$1.15; 10 bus. at \$1.10; 25 bus. or over at \$1.05.

TREAT OATS WITH CERESAN TO PREVENT SMUT



Ceresan increased this oats yield 19.1 bushels per acre and gave perfect smut control.

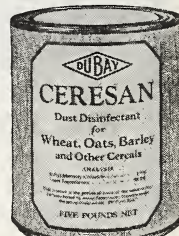
"Ceresan has given very good control of oat and barley smuts. * * * It is common to secure an increase of 10 or more bushels per acre when the seed is given the dust treatment." (Wis. Coll. of Agr. Circular No. 133.)

At the Illinois Experiment Station Ceresan not only gave "perfect smut control," but also checked other diseases. In one experiment at Illinois, Ceresan increased the yield 14.2 bushels per acre. In another experiment with Big Four Oats there was an increase of 19.1 bushels per acre.

Ceresan has also proven effective in controlling bunt or stinking smut of wheat and stripe disease of barley. It is the only dust treatment which has successfully controlled all of these grain diseases. Ceresan does not injure the seed or the grain drill. A pound treats 5 or 6 bushels.

We recommend very strongly that all our customers treat their grain with Ceresan.

(Ask for "Ceresan Folder," also "Wisconsin Circular No. 133.")



8 oz. size, 50c.
1 lb. size, 75c.
5 lb. size, \$3.00.
25 lb. size, \$12.50.
(Not mailable.)

OLDS' SEED BARLEY

Seed Barley is another of our specialties. We are located right in the midst of one of the finest barley growing sections of the whole country. We have our seed barley grown for us on contract the same as seed oats by the best grain farmers around Madison. We furnish the stock seed, elite or registered, and have the fields entered for registration. The same rules apply for "Registered Seed," and "Certified Seed" as in seed oats. See page 14.



A Field of Olds' Wisconsin Pedigree Barley, Grown Near Madison. This Field Yielded 50 Bushels Per Acre.

WISCONSIN PEDIGREE BARLEY.

THE WORLD'S CHAMPION BARLEY.

Wisconsin is a great barley state and Wisconsin barley leads the world. Away back in 1895, Manshury barley was first sent out by the Wisconsin Ex. Station. This variety nearly doubled the yield of common barley and was worth millions of dollars to the farmers of Wisconsin alone. Later came Mandschuri, an improved Manshury, and then in 1907, Oderbrucker was first offered and this was ahead of everything else up to that time. Now we have Wisconsin Pedigree, developed from the Oderbrucker and the greatest of all six rowed barley.

Wisconsin Pedigree Barley is the result of 12 years of painstaking breeding work carried on at the Wisconsin College of Agriculture. Ten varieties of barley were used as the foundation. The number was gradually reduced and finally the pedigreed stock was sent out for trial over the state.

The following are reasons why "Wisconsin Pedigree" is of such great value:
First:—Heavy Yield. The average yield in Wisconsin for 5 years was 22 per cent above the yield of all other barley. Many yields of 50 bushels per acre and over have been reported and some as high as 75 bushels.

Second:—Plumpness of Grain. All notice the unusually plump kernels.

Third:—Stiffness of Straw. Stands up better than any other.

Fourth:—Vigor of Growth. Taller than any other barley. We have measured stalks five feet high.

Fifth:—Perfect Development. Heads are more completely filled out than with any other variety.

Sixth:—Large Heads. Many speak of the unusually long, large heads.

Seventh:—Feed Value. Wisconsin Pedigree has a very large protein content and is way ahead of other varieties of barley in feeding value. A wonderful improvement has been made in that respect.

Sow Olds' Seed Barley. This is a good year to change your seed when price is low. Your own barley no doubt contains oats. Feed it out and secure some of our pure, vigorous Registered Seed for your sowing. It will yield more and sell for more. Five bushels additional yield per acre will pay for the seed and you are reasonably sure of 10 more, perhaps 15.

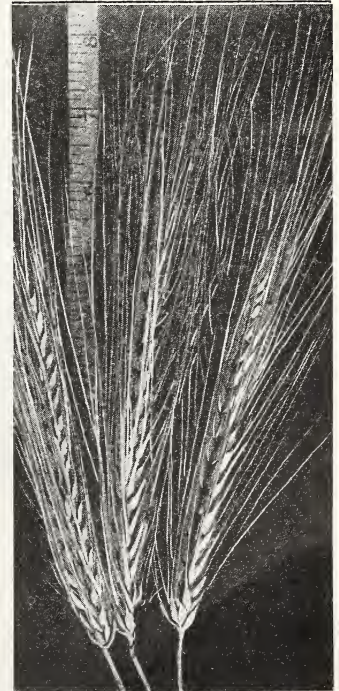
PRICES OF WISCONSIN PEDIGREE BARLEY FOR 1930.

Registered Seed—By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 30c; pk., 50c; bu. (48 lbs.), \$1.50; 2 bus. at \$1.45; 10 bus. at \$1.40; 25 bus. or over at \$1.35. Bags, holding two bushels each, extra at 35c.

Certified Seed: Bu., \$1.40; 2 bus. at \$1.35; 10 bus. at \$1.30; 25 bus or over at \$1.25. Bags extra.

Standard Seed: Bu., \$1.30; 2 bus. at \$1.25; 10 bus. at \$1.20; 25 bus. at \$1.15. Bags extra. Our Standard Seed is just as thoroughly cleaned as the Registered and Certified and looks just as good, but is mostly from crops that were not field inspected.

Note—Most of our barley and oats as well as other grain will be shipped this year in regular cotton grain bags, at 35 cents each. We believe most farmers would rather pay for good grain bags, which they can always use to good advantage, than for short-lived jute sacks, such as we formerly used.




Heads of Pedigree Barley.



Velvet Barley on Krueger Farms, Dodge County, Wisconsin. Yield, 57 Bushels Per Acre

VELVET BARLEY (Minnesota No. 445)

 Velvet Barley is the new "Smooth-Awned" or smooth bearded barley developed at the Minnesota Experiment Station. This is what everybody has been looking for—barley without the ordinary troublesome barbed beards that catch in your clothes and stick to them, and that make the handling of barley such a nightmare. With Velvet Barley the beards are perfectly smooth so that when you run them up and down through your fingers they do not stick either way.

Description. Velvet Barley is a plump, six-rowed barley much like Wisconsin Pedigree. The heads look just the same as the heads of Wisconsin Pedigree with beards about the same length but smooth instead of barbed. On this account it is much more valuable for feeding, both grain and straw, as well as nicer to handle. It grows much like Wisconsin Pedigree, seems to stand up as well, yields as well or better and the kernels seem to be even plumper than the kernels of Wisconsin Pedigree.

History. Minnesota Bulletin No. 226 has the following to say of this barley: "Velvet, a smooth-awned barley, resulted from a cross between a smooth-awned variety and Luth, a common six-rowed variety of the Manchurian type. In the Velvet variety are combined the very desirable smooth-awned character and the good characters of Manchuria, which has been one of the highest yielding varieties in Minnesota."

We think very highly of this new smooth-bearded barley.

Our farmers around Madison who grew it for us on contract like it very much and want to keep on growing it. It is still rather new but we believe it is perfectly safe now to sow it for your main barley crop. Price is very reasonable for such a new variety and it is wonderfully fine not to have the "pesky rough beards."

On the Krueger Farms 20 acres yielded 1,000 bushels in 1927, or 50 bushels per acre and the next year 40 acres yielded 2,300 bushels or 57½ bushels per acre. See picture above.

PRICES OF VELVET BARLEY FOR 1930:

By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 30c; pk., 50c; bu., \$1.50; 2 bus. at \$1.45; 10 bus. at \$1.40; 25 bus. or over at \$1.35. Grain bags extra at 35c.

SPELTZ OR EMMER.

Farmers ought to sow more Speltz. It makes splendid feed and lots of it. Note the following points:

First. It is perfectly hardy and can be grown anywhere.

Second. It yields more per acre than either oats or barley.

Third. It is adapted to dry regions. Withstands drouth.

Fourth. It stands up when oats and barley lodge.

Fifth. It makes a well balanced ground feed for horses, cattle or hogs, as the large hull gives it the lightness of oats, while the double kernel furnishes a rich meal much like ground rye feed.

Sow the same as barley or oats about 100 pounds or 2½ bushels per acre. It ripens about with oats.

Prices: By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 25c; pk., 40c; bu. (40 lbs.), \$1.10; 100 lbs., \$2.65; 500 lbs. at \$2.60; 1,000 lbs. at \$2.55. Grain bags extra at 35c.

OLDS' BUCKWHEAT.

Sow buckwheat from June 10 to July 10, one bushel per acre.

JAPANESE. Succeeds well in the extreme north. The grain is very large, of dark brown color. Always higher in market than Silver Hull.

Prices: By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 30c; pk., 50c; bu. (50 lbs.), \$1.75; 2 bus. at \$1.70; 10 bus. at \$1.65; 25 bus. at \$1.60. Bags extra at 35c.

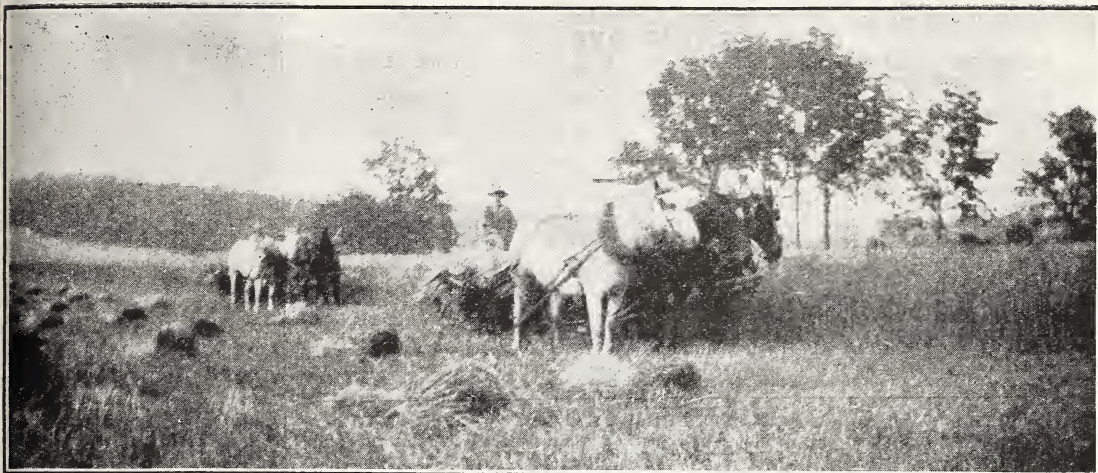
SILVER HULL. Silver Hull has a rather small grain, light gray in color, nearly round in shape. Earlier than Japanese according to the Wisconsin College of Agriculture. Very productive and fine for grinding. Prices: ½ pk., 30c; pk., 50c; bu., \$1.70; 2 bus. at \$1.65; 10 bus. at \$1.60; 25 bus. or over at \$1.55. Bags extra.

COMMON BUCKWHEAT. Our Common Buckwheat is really Silver Hull with some Japanese mixed with it. It is clean and nice and lower in price than the others.

Prices: Pk., 50c; bu., \$1.55; 2 bus. at \$1.50; 10 bus. at \$1.45; 25 bus. at \$1.40.

Note—Field Seed prices are subject to change after Feb. 1st. Ask for "Weekly Price List" after that date.

OLDS' SEED WHEAT



Field of Progress Wheat in Jefferson County. Farm of George H. Leonard.

PROGRESS WHEAT (Wisconsin Pedigree No. 1611)

The Wheat That Does Not Rust.

Progress is by all odds the best variety of spring wheat for Wisconsin. After another year's experience with it we are better pleased than ever and feel that its reputation is thoroughly established. The outstanding feature about it is that it does not rust. This is what they say about it at the Marshfield Station:

"Progress is a selection from the Early Java variety made at the Marshfield Station in 1915. The specific object in view was to get a wheat that would have a strong resistance to rust, and this strain is outstanding in this respect. It is a bearded, white glumed, hard red spring wheat, and is one of the highest yielders."

We are glad to be able to offer this new wheat to our customers as a heavy yielding, hard, red, spring wheat that is rust resistant. Spring wheat will pay you if you use pure re-cleaned seed of Olds' Progress.

PRICES OF PROGRESS WHEAT FOR 1930:

Registered Seed—By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 40c; pk., 70c; bu., \$2.20; 2 bus. at \$2.15; 10 bus. at \$2.10; 25 bus. at \$2.05. Bags extra at 35c.

Certified Seed: Pk., 70c; bu., \$2.10; 2 bus. at \$2.05; 10 bus. at \$2.00; 25 bus. at \$1.95. Bags extra.

Standard Seed: Pk., 65c; bu., \$2.00; 2 bus. at \$1.95; 10 bus. at \$1.90; 25 bus. or over at \$1.85. Bags extra.

NOTE—See what we say about Registered and Certified seed on page 14. The same regulations apply for wheat as for oats and these stocks are of course Wisconsin grown.



Field of Marquis on a Dane County Farm.

MARQUIS SPRING WHEAT

Marquis is probably now the best known and most largely grown variety of spring wheat in the wheat regions of the Northwest. It has also proved a good wheat for Wisconsin and Illinois. It is a hard red wheat, grading No. 1 Northern, which brings the top price. The grains are short and thick and very plump, making it very attractive in appearance. It is a strictly beardless wheat with long heads and it has a very stiff, strong straw.

Our main stock of Marquis this year is fancy Montana grown. It is wonderfully fine wheat—large grain, plump, bright, clean and full of vitality. We have also a limited stock of Wisconsin grown Marquis at the same price.

Prices—By mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 35c; pk., 65c; bu., \$2.00; 2 bus. at \$1.95; 10 bus. at \$1.90; 25 bus. or over at \$1.85. Grain bags extra at 35c.

DURUM WHEAT (Macaroni).

Durum usually outyields other spring wheat; is very hardy and is earlier than other wheat.

Prices: Pk., 65c; bu., \$2.00; 2 bus. at \$1.95; 10 bus. at \$1.90. Bags extra. Smaller quantities same as Marquis.

WISCONSIN PEDIGREE NO. 2 WINTER. Hardest and best winter wheat for Wisconsin and Northwest.

Prices: Registered Seed: ½ pk., 35c; pk., 65c; bu., \$2.10; 2 bus. at \$2.05; 10 bus. at \$2.00; 25 bus. or over at \$1.95. Bags extra. Write for prices next fall when ready to sow.

Standard Seed: Pk., 60c; bu., \$1.90; 10 bus. at \$1.80; 25 bus. at \$1.75. Bags extra.

OLDS' SEED RYE

Wisconsin is one of the leading states in the production of rye. We have pure clean seed to offer of both Spring Rye and Winter Rye.

OLDS' SPRING RYE.

Spring Rye should be more commonly grown. It is a valuable crop. Here are some of its good qualities:

First. It can be sown late in the spring, later than other spring grain.

Second. It is a splendid nurse crop for clover, as the crop is harvested early.

Third. It makes splendid pasture, furnishing green food early in the spring.

Fourth. It is a great land cleaner, smothering out bad weeds.

Fifth. It does well on nearly all soils and can be grown on land very poor.

Sixth. It is superior to winter rye for both pasture and hay.

Seventh. It is a sure cropper, producing ordinarily 30 to 40 bushels per acre.

Our main stock of Olds' Spring Rye this year was grown in Chippewa County, Northern Wisconsin and is unusually plump and nice. We want to see a lot of our farmer friends sow this seed the coming season as we feel sure it will prove a good investment. The price is lower than usual.

Prices, by mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 35c; pk., 65c; bu. (56 lbs.), \$1.85; 2 bus. at \$1.80; 10 bus. at \$1.75; 25 bus. at \$1.70. Bags extra.

WISCONSIN PEDIGREE WINTER RYE. Wisconsin's great variety. The result of 12 years' breeding at the Wisconsin Station. Heavy, plump, kernels.

Present prices, by mail: Lb., 25c. By freight: Lb., 20c; ½ pk., 30c; pk., 55c; bu., \$1.75; 2 bus. at \$1.70; 10 bus. at \$1.65; 25 bus. at \$1.60. Bags extra.

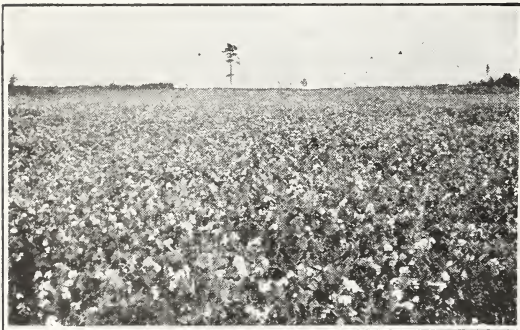
ROSEN WINTER RYE. A new variety from Michigan, becoming famous everywhere. Greatly outyields ordinary rye. Prices, same as Wisconsin Pedigree.

WILT-RESISTANT FLAX.

Recently developed at the Minnesota Experiment Station. Wilt-resistant and rust-resistant and a better yielder than the ordinary flax.

Prices by mail: Lb., 30c. By freight: Lb., 25c; ½ pk., 85c; pk., \$1.65; bu. (56 lbs.) \$5.10; 2 bus. at \$5.05; 10 bus. at \$5.00. Bags extra at 35c.

OLDS' FIELD PEAS.



Field Peas at the Ashland Branch Station. (Courtesy of Prof. Delwiche.)

WHITE CANADA FIELD PEAS.

Sometimes called Yellow Canada. The best known variety. Should be sown more largely. Makes splendid hay. Prof. Mortimer of the Wisconsin Experiment Station says: "The best early seeded grass and legume mixture for emergency hay is oats and field peas." Sow 1½ bus. per acre broadcast with the same amount of oats. Our stock is Wisconsin grown and very fine seed.

Prices, by mail: Lb., 30c. By freight: Lb., 25c; ½ pk., 60c; pk., \$1.15; bu. (60 lbs.) \$3.55; 100 lbs., \$5.75; 500 lbs. at \$5.50. Sacks free.

(Ask for Wis. Bul. 408, "Field Peas in Wisconsin.")

DWARF ESSEX RAPE.

Dwarf Essex Rape makes quick pasture and is very valuable feed. It is ideal for sheep pasture, and is also now largely sown for hogs and cattle. It may be sown in the following ways:

First. In early spring, 5 to 10 pounds per acre.

Second. With spring grain or just as it begins to come up, 2 pounds per acre to provide pasture after harvest.

Third. Alone in June or July, on newly plowed land.

Fourth. With corn just before the last cultivation. A word about the seed. We buy in car lots and handle only the best and purest Number One Genuine Holland Grown Dwarf Essex; seed that is entirely free from bird rape, mustard and everything of that sort.

Prices, by mail: Lb., 35c. By freight: Lb., 30c; 5 lbs., \$1.00; 10 lbs., \$1.50; 25 lbs., \$2.50; 100 lbs., \$9.00; 500 lbs. at \$8.75. Bags free.

Note—Field Seed prices are subject to change after Feb. 1st. Ask for "Weekly Price List" after that date.

OLDS' FIELD BEANS

WHITE NAVY BEANS.

Prices, by mail: Lb., 40c. By freight: Lb., 35c; ½ pk., \$1.15; pk., \$2.25; bu., \$7.30; 100 lbs., \$12.00; 500 lbs. at \$11.75. Bags free.

RED KIDNEY BEANS.

Prices, by freight: Lb., 40c; ½ pk., \$1.40; pk., \$2.75; 60 lbs., \$8.50; 100 lbs., \$14.00.

WHITE KAFFIR CORN.

Makes the best kind of fodder for cattle or horses. Easily grown. The seed is splendid for poultry.

Fifteen pounds will seed an acre in rows.

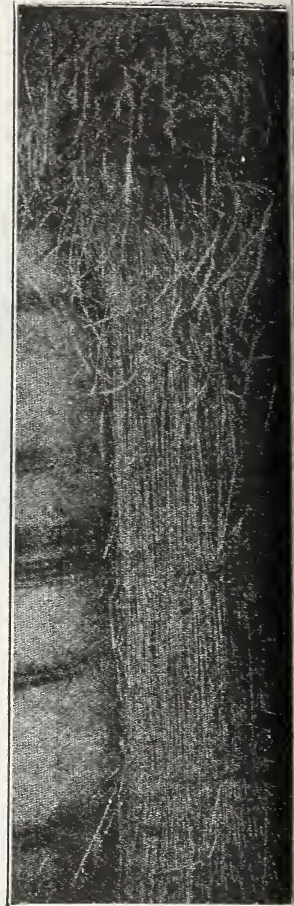
Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 40c; 10 lbs., 60c; 100 lbs., \$3.50; 500 lbs. at \$3.25. Sacks free.

MILO MAIZE.

Similar to Kaffir Corn but larger. Culture the same. Prices, same as for Kaffir. (Samples of any Field Seeds, showing tests, are free and will be gladly furnished.)



"A Field of Rape is of Inestimable Value in Maturing Profitable Porkers."—Breeders' Gazette.



Spring Rye.

OLDS' SOY BEANS

Soy Beans have come to stay. We can now say that they are really a staple crop in Wisconsin as well as in other states. We had a tremendous demand for seed last year and expect to sell still more this year. The crop is gain fine—clean, bright and high in germination and the price very reasonable.

“When Clover Fails Plant Soy Beans,” slogan of Wisconsin College of Agriculture.



Soy Beans on the Experiment Station Farm, Madison. (Courtesy Wisconsin College of Agriculture.)

WHY GROW SOY BEANS?

- First. They yield large amounts of high protein forage, rich in feeding value. They not only make splendid hay, but are wonderful for silage, grown with corn.
- Second. The mature beans ground into meal make wonderful dairy feed.
- Third. They are very valuable for “hogging off” and “sheeping off.”
- Fourth. They are adapted to nearly all soils and are especially valuable on soils too poor for other legumes.
- Fifth. Soy Beans are more resistant to frost than corn and they also stand hot weather.
- Sixth. The yield of other crops following Soy Beans is larger due to the fertility left in the soil.
- Seventh. They make a wonderful emergency crop when clover fails or when other crops are washed out or fail for any reason, as they can be put in late. No special machinery is required for handling.

CULTURE. If planted with corn 3 beans in each hill of corn is about right and this requires 3 to 5 pounds per acre. If planted alone, for hay or seed, in rows with corn planter or drill, a half bushel or a bushel of seed per acre may be profitably used, the beans about one inch apart in the row. Rowing and cultivating, however, is not necessary. Thousands of farmers now are planting in solid drill, using a harrow and caring for large fields at small expense. Do not plant too early. Never before corn planting time. Always inoculate the seed before planting. See page 5. Nitragin prices are again lower. Ask for Wisconsin Bulletin No. 375, “Soy Beans a Good Legume Crop.”



VARIETIES OF SOY BEANS

MANCHU

By far the most popular soy bean in all the states of the Middle West. It has jumped into prominence ahead of everything else. Early enough to fully mature under ordinary conditions and large enough to be of real value. It is a medium early variety, nearly as early as to San and quite a little larger. Matures dry beans in about 100 days. Originally from northern Manchuria. Seeds yellow with a peculiar black seed scar.

The favorite at the Wisconsin Experiment Station for hay and for silage and also for dry beans.

Prices: By mail: Lb., 30c; 3 lbs., 70c. By freight: Lb., 25c; ½ pk., 50c; pk., 95c; bu., \$2.95; 100 lbs., 4.75; 500 lbs. or over at \$4.50. Sacks free.

ITO SAN

Popular early variety. Produces small yellow beans. Prices: ½ pk., 55c; pk., \$1.05; bu., \$3.25; 100 lbs., \$5.25; 500 lbs. or over at \$5.00. Sacks free.

A. K.

A little later than Manchu. Grows a little larger and is perhaps better for hay or silage on that account. Developed from Midwest but now displacing that variety.

Prices: ½ pk., 55c; pk., \$1.00; bu., \$3.10; 100 lbs., \$5.00; 500 lbs. at \$4.75. Sacks free.

ILLINI

Illini is a new Soy Bean which we now offer for the first time. Developed at the Illinois Experiment Station from A. K. Described as a better yielder than other varieties, taller and with pods higher on the stem. Averages 25 to 44 bushels per acre of dry beans. One grower says it is like Manchu but a little larger and also a little earlier. Another grower says, “These beans are yielding from 25 to 30 bushels per acre around here and are earlier by at least a week than the Manchu and I believe will stand better in the field.”

We are quite enthusiastic over this new Soy Bean and believe our Wisconsin customers will do well to try it out. If it is taller than Manchu and at the same time earlier it will certainly prove very valuable. Our stock is pure, bright and clean, grown from Certified seed.

Prices: ½ pk., 55c; pk., \$1.05; bu., \$3.25; 100 lbs., \$5.25; 500 lbs. or over at \$5.00. Sacks free.

NOTE:—Prices are subject to change after Feb. 1st. Consult “Weekly Price List.” We advise ordering early as prices are likely to be higher before spring. All prices include sacks. 2 oz. pkt: any variety soy beans 5c, postpaid. Pound prices, all varieties, same as for Manchu.

OLDS' SUDAN GRASS.

THE GREAT NEW HAY AND PASTURE CROP



Sudan Grass and Soybeans Growing Together.

(Courtesy Wisconsin College of Agriculture)

5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$6.50; 500 lbs. or over, at \$6.25. Sacks included.

Ask us for Wisconsin Bulletin No. 359, "Emergency Hays and Pastures," mailed free on request.



Field of Olds' Improved Early Amber, Grown in Minnesota.

OLDS' EARLY AMBER CANE (SORGHUM)

Olds' Early Amber Cane Seed is Minnesota grown and from the largest sorghum growers in the United States, where they make a business of scientifically producing cane with the highest possible sugar content. The seed is absolutely pure Early Amber.

Olds' Pedigreed Early Amber. This year we have a new pedigreed strain developed through a careful system of selection and plot breeding over a term of years. The sugar content has been raised from 14 per cent to 16.2 per cent. The fodder yield has been increased and the growing period shortened. We offer this as the very best seed obtainable.

PRICES OF OLDS' EARLY AMBER CANE:

Pedigreed Strain—By mail: Lb., 50c; 3 lbs., \$1.15. By freight: Lb., 45c; 5 lbs., \$1.25; 10 lbs., \$2.00; 100 lbs., \$15.00. Sacks free.
Standard Strain—By freight: 5 lbs., 75c; 10 lbs., \$1.25; 100 lbs., \$6.50; 500 lbs., \$6.25. Sacks free.

SOUTHERN EARLY AMBER CANE.

Use for fodder only. Not equal to our Minnesota seed but good.
Prices: 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$4.50; 500 lbs. at \$4.25. Sacks free.

Note—Bags free for everything on this page. Write for special prices in large quantities.



Prof. Mortimer, of the Wisconsin College of Agriculture, places Sudan Grass second in value on the list of "Emergency Hay Crops," next to soy beans and better than millet or field peas. The following are some of the reasons why it is valuable:

First. It makes a heavy yield of hay, outranking all the millets in yield per acre. Yields of 2 to 4 tons of cured hay per acre from one cutting are common in Wisconsin. Two cuttings a season can often be made.

Second. It can be pastured. After the hay crop is taken off it makes a fine late pasture as it grows up again quickly. Or, it can be pastured all the season instead of being cut for hay.

Third. It makes a better quality hay than millet and is easily cured. It makes wonderful hay grown with soy beans and it helps to cure the soy beans.

Fourth. It can be sown late, after you are through with your corn, or when corn fails. Sow any time from May 15th to July 1st, 20 to 25 pounds per acre. Do not sow too early. It is strictly a warm weather crop and if put in too early the seed will rot.

Fifth. It withstands long periods of drouth.

Sixth. It is very valuable as a smother crop, especially for quack.

We recommend Sudan Grass very highly. It grows quickly, produces enormously and is an easy crop to handle. It is strictly an annual and dies down at the end of the season. It has come to stay and is a staple crop now in Wisconsin.

Prices, by mail: Pkt., 5c; lb., 30c; 3 lbs., 60c. By freight: Lb., 25c;



Feterita, the Great Drouth-Resister

FETERITA.

Earlier than Kaffir Corn, out yields it and little affected by drouth. Culture, same as for Kaffir.

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$3.75; 500 lbs. at \$3.50. Sacks free.

OLDS' MILLETS, SUNFLOWER, SAND VETCH.



WHITE WONDER MILLET

THE BEST MILLET.

White Wonder is the best of all the millets in our judgment.

First. It produces more tons of hay per acre than any other millet.

Second. In spite of the very large growth the foliage is thick, with numerous broad leaves so that it furnishes a high grade of millet hay.

Third. White Wonder is earlier than either German or Common Millet and is well adapted to the north.

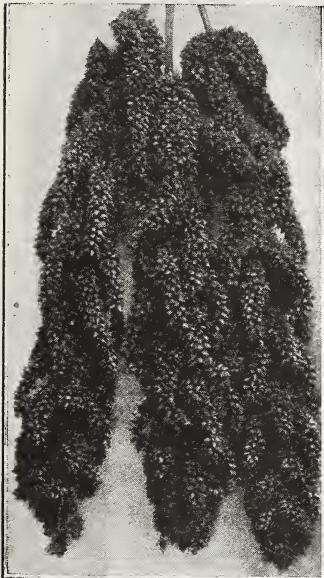
Fourth. It outyields any other millet as a seed crop. C. L. Newhouse, of Rock County, Wisconsin, secured an average yield of between 50 and 60 bushels of seed per acre.

Fifth. It has much longer and larger heads than any other millet. That is the reason for the big yield. George C. Snyder of Richland County, Wisconsin, sent us a dozen heads, the shortest one 8½ inches long, the longest 11 inches, one head measuring 4¼ inches in circumference.

We recommend White Wonder most highly. Prices are low this year.

PRICES OF WHITE WONDER FOR 1930:

By freight: Lb., 20c; 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$3.75; 500 lbs. at \$3.50. Bags extra at 35c.



Japanese Millet.



GERMAN MILLET.

The most popular of all the millets. Probably more largely sown than all others combined. German is a tall growing variety with large stout stems, leaves broad and stiff. The seed heads are usually about an inch in diameter, of good length and well filled out with seed, which is of a yellow or golden color. For seed sow at the rate of 12 to 15 pounds and for hay sow about 30 to 40 pounds per acre. Millet may be sown from May 15th to July 1st.

Prices: By freight: 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$4.75; 500 lbs. at \$4.50. Grain bags extra at 35c.

COMMON MILLET. A little earlier in season than German Millet. Leaves are rather broad and not as stiff as German, and seed heads are smaller. Seed is white instead of yellow. Many farmers prefer it to German.

Prices: 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$3.90; 500 lbs. at \$3.65. Grain bags extra.

SIBERIAN MILLET. Hardier and earlier than German Millet. Reddish seed. A very popular variety, especially in the Northwest.

Prices: 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$3.75; 500 lbs. at \$3.50. Bags extra.

HOG OR BROOM CORN MILLET. Also called Dakota Millet. Makes inferior hay, unless cut very young, but yields enormous quantities of large, plump seed, as high as 60 or 70 bushels per acre. This seed is very valuable for poultry.

Prices: 5 lbs., 40c; 10 lbs., 65c; 100 lbs., \$3.75; 500 lbs. at \$3.50. Bags extra.

JAPANESE MILLET. (Billion Dollar Grass). A very large millet adapted to all sections. Specially fine for low ground. Makes more hay than German Millet and requires less seed per acre. Sow in May or June, 20 to 25 pounds per acre. Crop again short.

Prices: 5 lbs., 50c; 10 lbs., 80c; 100 lbs., \$5.50; 500 lbs. or over at \$5.25. Bags extra. (One pound, any variety of millet, by mail, 25c; 3 lbs., 60c. By freight: Lb., 20c.)

MAMMOTH RUSSIAN SUNFLOWER.

A great food for poultry and hogs. Also grown quite largely now for silage. Also for sheep pasture. It makes a much larger amount of feed than ensilage corn. Prof. E. J. Delwiche of the Ashland Experiment Station, reports that sunflower greatly outyielded corn for the tenth consecutive season, yielding 14.4 tons of silage per acre while corn yielded only 4.22 tons.

Prices, by mail: Pkt., 5c; lb., 35c; 3 lbs., 80c. By freight: Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$1.25; 100 lbs., \$6.50; 500 lbs. at \$6.25. Bags free. (Ask for Wisconsin Circular No. 220, "Sunflowers for Silage.")

SAND VETCH OR WINTER VETCH.

A very valuable leguminous plant, especially for lighter soils. Can be sown in either spring or fall. Sow 15 to 20 pounds of vetch and ½ bushel grain per acre, oats or barley in the spring, rye in the fall. Makes very fine fall and winter pasture and it can also be pastured in early spring.

Prices, by mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.00; 100 lbs., \$12.00; 500 lbs. at \$11.75. Bags free.



Sand Vetch.

Note—All Field Seed prices quoted in the catalog are good until Feb. 1st only. Ask for "Weekly Price List" after that date. Millets and other late sown crops are quite likely to be higher later in the season. Samples of any of our Field Seeds, showing tests, are free on request.

OLDS' SEED POTATOES



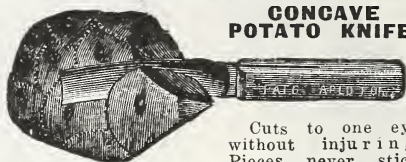
SEED POTATOES OUR FIRST VENTURE. When L. L. Olds first started in the seed business in 1888, 42 years ago, he handled nothing but Seed Potatoes for several years. His catalogs carried a long list of new and standard varieties of potatoes, all of which he grew himself. He was known as "The Potato Seedsman." A little later Seed Corn and Seed Grain were added and finally a full list of Field Seeds and Garden Seeds, the business being incorporated under the present name, "L. L. Olds Seed Company," in 1903.

STANDARD VARIETIES USED EXCLUSIVELY NOW. Of late years the introducing of new varieties of potatoes has been rather discouraged and efforts have been concentrated on improving a few standard varieties that have been found to be the most satisfactory so that now we have only a comparatively few varieties, the best early and late sorts. Our constant aim now is to have the healthiest and most productive strains of these standard varieties.

CERTIFIED STOCK. Most of our potatoes are certified. The early varieties except Irish Cobbler are Red River grown and are Minnesota or North Dakota State Certified, while the late varieties and the Cobblers are northern Wisconsin grown and Wisconsin State Certified. This means in both cases that they were inspected while growing in the field by an official state inspector and again in the bin after being dug and both times passed the necessary requirements. The stock is free from mixture, free from late blight rot, black leg, powdery scab and from serious infection with any other disease and conforms reasonably to the correct vine and tuber characteristics of the variety. The stock must be graded to a minimum size of 1 1/4 inches in diameter. The Wisconsin Certified stock must also comply with the requirements of "Badger State Brand."

U. S. GOVERNMENT GRADE NO. 1. We offer at lower prices, stock of most varieties that is uncertified, but that conforms to the requirements of U. S. Grade No. 1. That is, stock that is practically free from scab, blight, dry rot and damage caused by disease and graded to a minimum size of 1 1/4 inches. The stock is all northern grown, coming from the same sections as the certified stock and practically pure. We offer it as very desirable seed stock, net weight, and prices include barrels. Smaller orders are shipped in sacks or boxes. No charge for containers of any kind for potatoes. We begin shipping early in March, securing refrigerator service and lining barrels up to April 1st. After that we ship mostly in sacks. The sack is the unit now rather than the barrel.

POTATO PRICES. The prices given in this catalog are good until February 1st only. After that date they may be a little higher or they may possibly be lower. It depends on the market. At this writing however, Dec. 1st, it looks as if all good seed stock, both certified and uncertified, would be wanted at good prices. The total potato crop in Wisconsin and Minnesota is way short of normal, at least a third less than last year, and the general feeling on the part of all leading potato men is very bullish. Our idea is that prices are more likely to be higher than lower. We advise therefore that you order early and be sure to get Olds' improved strains and have the very best seed.



**CONCAVE
POTATO KNIFE.**

Cuts to one eye
without injuring.
Pieces never stick
together. **P r i c e,**

35c; 3 for 90c, postpaid.

OLDS' IMPROVED RED RIVER EARLY OHIO

The well known dependable all-around early variety.



Early Ohio is without doubt the most popular early potato in the country. Its earliness, smoothness and shallow eyes are its outstanding features. We have more calls for it always than for any other early. Every one knows what it is, and knows that it can be relied on for an early market variety in almost every locality. A large percentage of the so-called Ohios throughout the country, however, are badly mixed. It is even very common to find Ohios all mixed up with Early Rose or some other variety with smooth skin and pointed ends. A typical Early Ohio should have blunt rounded ends, with the cluster of eyes at the seed end right out flush with the surface.

Our illustration which is from an actual photograph shows just how Olds' Famous Improved Red River Grown Early Ohios look. Note the well-rounded symmetrical shape and uniform size. No run-out stock about them. We have sold thousands and thousands of bushels of this high grade vigorous stock, shipping them all over the country.

We have both certified and uncertified stock of Red River Early Ohios. Both stocks are fine. The uncertified stock or U. S. No. 1 is practically pure and practically free from disease and is splendid seed stock; way ahead of ordinary Early Ohios.

Our Red River Early Ohios do not run quite as large as usual this year, but they are all the better for that. They run from medium to large medium, just the right size for the best seed stock. We never had nicer Ohios for seed purposes. Order early before our stock is exhausted.

PRICES OF OLDS' IMPROVED RED RIVER EARLY OHIOS FOR 1930.

Certified Stock: 1/2 pk., 50c; pk., 90c; bu., \$3.00; 2 bus. at \$2.90; bbl., \$8.75; 10 bus. (in sacks) at \$4.75 per 100 lbs. Containers free.

U. S. Grade No. 1: 1/2 pk., 45c; pk., 80c; bu., \$2.70; 2 bus. at \$2.60; bbl., \$8.00; 10 bus. (in sacks) at \$4.25 per 100 lbs.

OLDS' CERTIFIED IRISH COBBLER.



Irish Cobbler seems to continue to increase in popularity. People like a white potato. It is famous now the country over. First grown for early market by the truckers of New Jersey and Virginia and other Atlantic coast states, from there its popularity extended throughout the whole of the United States. It is a pure white potato, nearly round in shape with eyes rather more pronounced than in the Ohio type varieties.

On our trial grounds Irish Cobbler yielded a third more than Early Ohio, although not quite as early. The potatoes are very attractive looking and of most excellent quality, rather ahead of all other earlies in that respect, always cooking up dry and mealy.

Our Irish Cobblers this year are northern Wisconsin grown instead of Red River grown. We believe that Cobblers in the northern part of our own state grow smoother than in the Red River country and the eyes are not so deep. For that reason we have shifted and we are able to offer our customers this year some very beautiful Cobblers. Our Certified Cobblers are from Langlade County, the Uncertified or U. S. No. 1 Cobblers from Sawyer County. These are both northern Wisconsin counties and both counties have a reputation for the high quality seed potatoes they produce. Both stocks are very fine.

Prices, Certified Stock: 1/2 pk., 45c; pk., 85c; bu. (60 lbs.), \$2.35; 2 bus. at \$2.75; bbl. (172 lbs.), \$8.35; 10 bus. (in sacks) at \$4.50 per 100 lbs. Barrels and sacks free.

U. S. Grade No. 1 (Uncertified): Pk., 75c; bu., \$2.55; 2 bus. at \$2.45; bbl., \$7.50; 10 bus. or over (in sacks) at \$4.00 per 100 lbs.

OLDS' RED RIVER TRIUMPH

Bliss' Triumph is a standard extra early. The earliest in fact of all varieties. Largely grown now for market in the south and southwest. The tubers are nearly round, smooth, medium in size, reddish pink in color.

Our Triumphs cannot be excelled. They are smooth, uniform, round, very desirable in shape and size. This year both our Certified and Uncertified stocks are Red River grown. We believe the Red River Valley grows the best Triumphs and they are not troubled with mosaic there as in Wisconsin. Prices, Certified Stock: 1/2 pk., 50c; pk., 90c; bu., \$3.10; 2 bus. at \$3.00; bbl., \$9.00; 10 bus. at \$4.90 per 100 lbs. Barrels and sacks free.

U. S. Grade No. 1: Pk., 80c; bu., \$2.80; 2 bus. at \$2.70; bbl., \$8.25; 10 bus. at \$4.40 per 100 lbs.



First-Prize Irish Cobblers, Grown by L. S. Jacobson



Olds' Certified Red River Triumphs.

TREAT ALL SEED POTATOES WITH SEMESAN BEL

Fifty per cent of all seed potatoes planted in the United States carry disease in some form. This means decreased yields. Much of this loss can be prevented by treating seed before planting with Semesan Bel.



Treated and Untreated Potatoes on Farm of O. O. Branton, North Dakota

Semesan Bel is effective in controlling such seed borne diseases as scab, rhizoctonia and black leg. Semesan Bel protects the seed pieces from rotting caused by certain soil borne organisms.

Semesan Bel improves germination and usually produces a bigger crop.

A. S. Libby of Maine reports, "Used Semesan Bel in competition with Corrosive Sublimite and obtained 8 to 10 barrels per acre larger yield from the Semesan Bel treated seed."

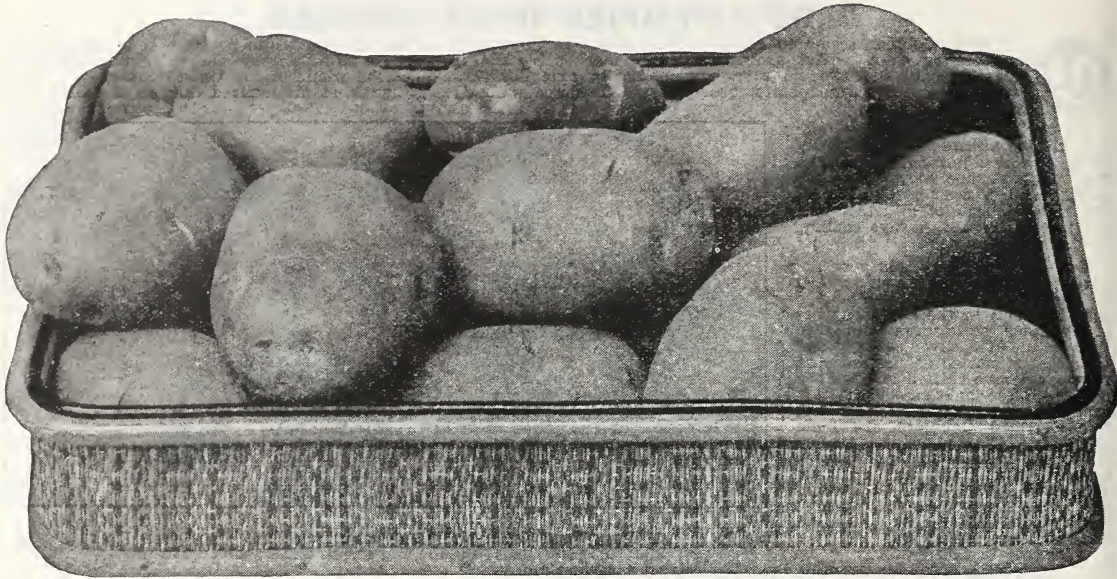
Paul A. Johnson, Iowa County Agent, writes: "When tested on Cobblers, Semesan Bel treated seed produced 166 bushels per acre, while only 78.3 bushels were obtained from untreated seed of the same lot, resulting in an increase of 88 bushels, or about 113 per cent."

Semesan Bel is easily applied. Just mix with water, dip your potatoes, drain and plant. One man can treat from 200 to 400 bushels per day. One pound treats 16 to 22 bushels, so the cost is small.

Prices of Semesan Bel: 4 oz. size, 50c; 1 lb. size, \$1.75; 5 lb. size, \$8.00; 25 lb. size, \$31.25. Not mailable.



Ask for this booklet, "Semesan Bel, Instantaneous Dip for Potatoes."



Olds' Certified Stock of Improved Rural New Yorkers.

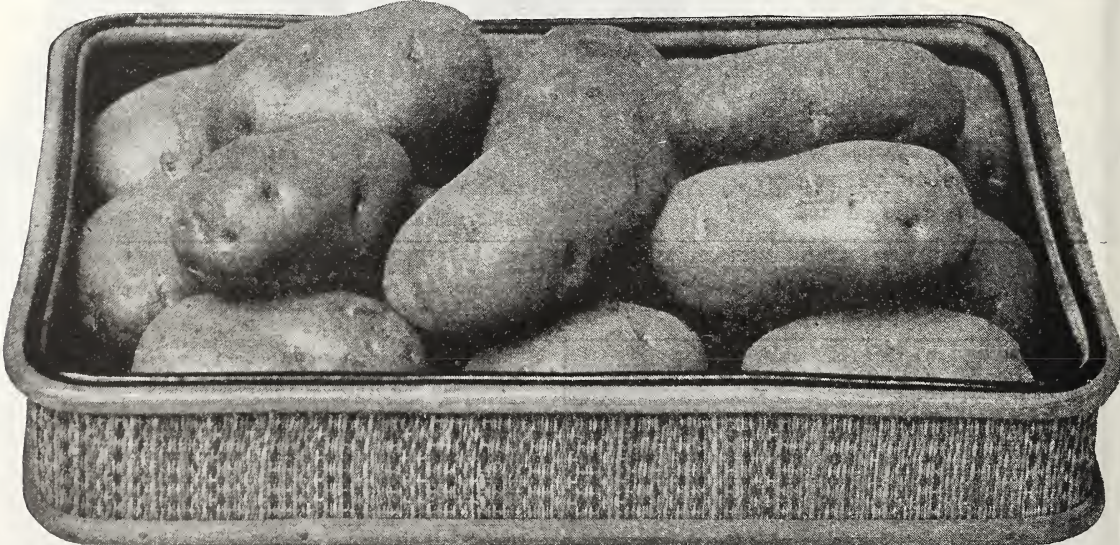
OLDS' IMPROVED RURAL NEW YORKER. MOST POPULAR MAIN CROP POTATO IN NEARLY ALL SECTIONS



Rural New Yorker is by far the most popular main crop variety in cultivation today. Its outstanding characteristics are its beautiful smooth white skin, its inconspicuous eyes and its great yielding qualities. It does the best of any variety as a rule on clay soils and black soils and in fact it is the universal potato for all soils. It will probably stand more neglect and do better under unfavorable conditions than any other variety. It is easily grown, a good keeper and always yields well. As a rule the quality is all right too. Rurals throughout the country are badly mixed with other varieties. Such stock does not bring the top price. We have not only pure Rurals but an improved strain of Rurals, all northern Wisconsin grown, from Sawyer county and Door county. Door county has the reputation of producing the nicest Rurals in the state now. Ask for special prices in large quantities and for new prices after Feb. 1st.

Prices, Certified: $\frac{1}{2}$ pk., 45c; pk., 85c; bu., \$2.85; 2 bus. at \$2.75; bbl., \$8.35; 10 bus. or over, in sacks, at \$4.50 per 100 lbs. Barrels and sacks included.

U. S. Grade No. 1 (Uncertified): $\frac{1}{2}$ pk., 40c; pk., 75c; bu., \$2.55; 2 bus. at \$2.45; bbl., \$7.50; 10 bus. or over, in sacks, at \$4.00 per 100 lbs. Barrels and sacks free.



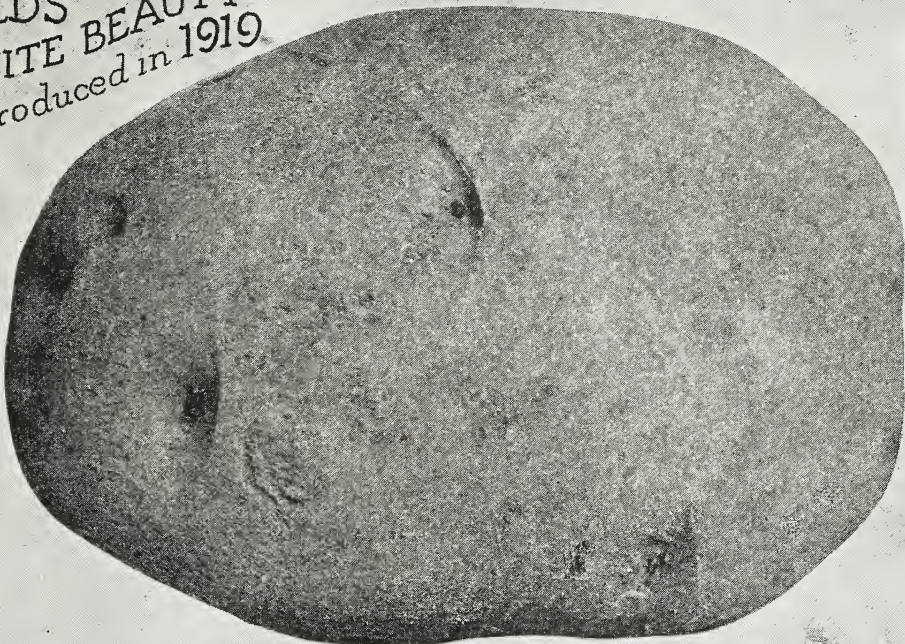
Olds' Certified Improved Green Mountains.

OLDS' IMPROVED GREEN MOUNTAIN

The Variety for Sandy Soils.

Green Mountain is perhaps the most popular variety in the potato counties of northern Wisconsin. It is somewhat earlier than Rural New Yorker and a little ahead of Rural in quality. We would call it about medium in season. Does specially well on sandy soils. On clay soils is liable to grow rough. Green Mountain is a vigorous grower with an abundance of bushy vines with light green leaves and pure white blossoms. The tubers are slightly oblong and broad, with a thick netted skin, cream color rather than white. A Green Mountain is hard to beat for an eating potato. Our stock is all certified and all grown in Northern Wisconsin. Prices, Certified: $\frac{1}{2}$ pk., 45c; pk., 85c; bu., \$2.85; 2 bus. at \$2.75; bbl., \$8.35; 10 bus., in sacks, at \$4.50 per 100 lbs. Barrels and sacks free. Ask for special prices in large quantity.

OLDS' WHITE BEAUTY
Introduced in 1919



OLDS' WHITE BEAUTY

We introduced this potato eleven years ago. It is a heavy yielding, high quality, main-crop variety. It has a distinct origin starting from a single seed ball in 1911.

Description. Olds' White Beauty is just the type that is wanted for an all-round, main crop, white-skinned potato. It is the right shape, nearly round to oval oblong; symmetrical and regular in form; eyes very shallow, so shallow that as one of our customers says: "You hardly know they have an eye"; beautiful white skin, slightly russeted; strong, vigorous grower, with dark stalks and purple blossoms. Season medium, a little earlier than Rural.

Olds' White Beauty is a variety of real value. In the first place it can be sold in the large potato markets for Rural New Yorker, the standard main crop variety; but while it resembles Rural it is better. The color is a creamy white instead of pure white and it is slightly russet like the old Snowflake, indicating quality. Then, for yield it surpasses everything. The North Dakota Experiment Station reported an official yield on it of 466 bushels per acre. On our trial grounds White Beauty outyielded Rural New Yorker, Green Mountain, White Mammoth and Carman No. 3 and the tubers were the finest in appearance of any.

Our White Beauties this year are all Northern Wisconsin grown from Mr. N. B. Dexter, Sawyer county, who has furnished us such fine stock in the past. The stock is all State Certified, being certified as Rurals as the State calls our White Beauty a very desirable strain of Rurals.

PRICES OF OLDS' WHITE BEAUTY FOR 1930:

Certified: Half pk., 50c; pk., 90c; bu., \$3.00; 2 bus. at \$2.90; bbl., \$8.75; 10 bus. at \$4.75 per 100 lbs.

Pound Prices. Any variety of potatoes on our list. By mail: One pound (about 3 good tubers), 25c; 3 lbs., 50c; postpaid. By freight or express: Lb., 20c. Not less than one pound of a variety sold.

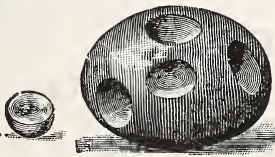
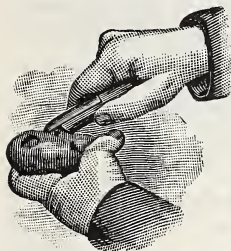
Collection Barrels. We offer a barrel made up of any 2 varieties potatoes on our list, half of each, at barrel rates, plus 20 cents; 3 varieties, at barrel rates, plus 35 cents. Barrels and sacks are free.

Prices Subject to Change. Prices are in effect until February first. Ask for "Weekly Price List" after that date.

POTATO EYES.

We furnish Potato Eyes in boxes of 160 eyes each, labeled and carefully packed in damp moss in paraffin lined boxes. Orders will be filled at the right time for planting. We guarantee safe arrival in good condition.

F. B. Spear, Kansas, writes: "The potato eyes which I got of you did exceedingly well. Every one made a hill of fine potatoes."



PRICES OF POTATO EYES, ALL VARIETIES.

160 Eyes, (one box) one variety, your selection, \$1.50 by mail, postpaid.

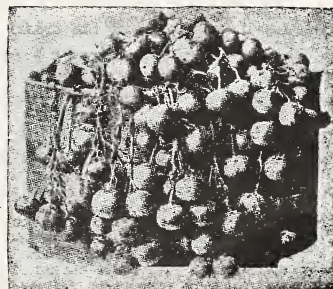
160 Eyes, (one box) two varieties, your selection, \$1.60, postpaid.

160 Eyes, (one box) four varieties, your selection, \$1.70, postpaid.

480 Eyes, (3 boxes) all one variety, \$3.50 by express, not prepaid.

480 Eyes, (3 boxes) three varieties, \$3.75 by express, not prepaid.

(No orders accepted for less than 160 eyes.)



POTATO SEED-BALLS BY THE BUSHEL

POTATO BALL SEED.

Hybridized potato seed from the balls. Every seed makes a distinct variety.

Pkt., 15c; 2 pkts., 25c, postpaid.



OLDS' GARDEN SEEDS

SEEDS OF HIGH QUALITY. Our Garden Seeds are of the highest quality. There are none better anywhere. Other catalogs may use more superlatives and show more colored pictures but their seeds are no better and in some cases not as good.

GROWN BY EXPERTS. Our seeds are grown by large expert growers in different sections of the United States and Europe, growers who have long specialized in certain kinds of seeds and who have a reputation at stake.

TESTED SEEDS. We test carefully for germination every lot of seed as it comes in, discarding any lots that do not come up to the Wisconsin standard.

WISCONSIN SEEDS OF HIGH GERMINATION. Most every farmer, in Wisconsin, at least, knows that our state has a wonderfully effective seed law. But it is not generally known that this law includes Garden Seeds, as well as Field Seeds, so far as germination is concerned. That is, high standards of germination are established by the law for the different kinds of vegetable seeds and if any lot of seeds falls below the standard set the percentage of germination must show on the package. This insures high testing seed, as no seed house wants to send out seeds showing a low test on the package.

GUARANTEED SEEDS. See what we say about guaranteeing quality on page one. Our seeds must prove as represented. If they do not we refill or refund.

STARRED VARIETIES. Varieties marked with a star are those that we specially recommend for general cultivation. Where our Trade Mark appears it indicates varieties that we have been instrumental in introducing.

POSTPAID PRICES. Our prices on Vegetable Seeds, Flower Seeds, Bulbs and Plants include free delivery to any Post Office in the United States, unless otherwise stated. See tables of freight and parcel post rates on page one.

LARGE PACKETS. All our packets of Beans, Peas, Sweet Corn and Pop Corn contain two ounces each. Some of our competitors will give you only one ounce in a packet. Our other vegetable seed packets are unusually large, four to the ounce of most of the standard vegetables.

ORDER EARLY. Weather conditions were unfavorable for seed production the past season with many kinds of vegetables. As a result there are more shortages than usual. We urge you therefore to order early, as many varieties will be sold out, with further stocks unobtainable, later in the season.

COLLECTION OFFERS. We sell 30 regular packets of Standard Varieties of Vegetables for One Dollar Postpaid. See inside front cover. Note also our wonderful Aristocrat Gladiolus Collection in colors on the inside back cover. The varieties listed there are the cream of our list. See also our generous flower seed collection offers in the flower seed section.

MARKET GARDENERS' PRICE LIST. If you are a market gardener and use seeds in large quantity ask for our "Market Gardeners' Wholesale Price List." It will save you money.

WHY HAVE A GARDEN?

FIRST, BECAUSE IT MEANS A LOT OF FUN. There is really a lot of enjoyment after the long winter in getting out and digging in the soil, "making a garden." The farmer perhaps will not see it that way but for the city man or villager it is really a privilege and the man who does not have the room or time for a garden is to be pitied.

SECOND, IT IS THE BEST KIND OF EXERCISE. Here again the farmer may not be interested, but the town fellow can get nothing better in the way of exercise than hoeing and cultivating in the garden early mornings and evenings. It beats golf and it beats driving a car.

THIRD, IT HELPS OUT IN THE HOUSEHOLD EXPENSES. Your vegetables cost you practically nothing if they come from your own garden and you take care of it yourself, "out of hours." A lot of times you will go without vegetables if you have to buy them and spend money for other things not nearly as good.

FOURTH, IT MEANS FRESH VEGETABLES. This after all is the big argument for a garden. You can not have fresh vegetables if you have to buy them. Sweet Corn and Peas are at their sweetest and best only when they can be brought direct from the garden to the kitchen and cooked within an hour or so. The same is more or less true of all other vegetables. You must grow them to have them fresh. And you must have them fresh to have them healthful. Vegetables rapidly lose their vitamins by standing and it is the vitamins that give them their value.

OLDS' VEGETABLE NOVELTIES AND SPECIALTIES

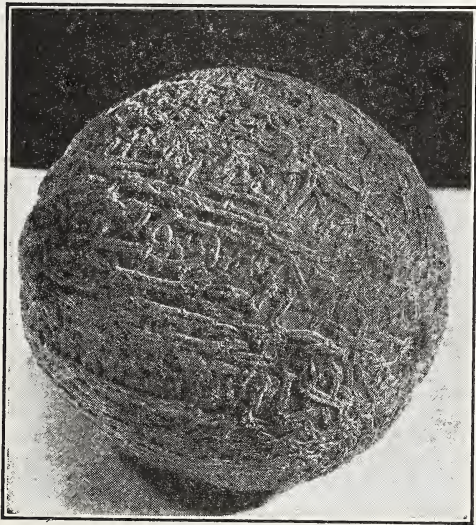
Olds' Vegetable Novelties and Specialties offered here and on the next page are all varieties of real worth. They are decided improvements over the best of the old varieties of the different vegetables. They will be wonderful to grow for exhibition purposes. Every market gardener should include them in his list. The home gardener also will find them an improvement over the older sorts and they will be admired by all who see them.



Olds' Italian Green Sprouting.

97. Broccoli—OLDS' ITALIAN GREEN SPROUTING

This new and distinct variety of Broccoli forms a plant with a large solid head, that remains green. When the central head is cut, numerous sprouts develop from the large axis, every sprout terminating in small, green heads. These heads are cut and served like cauliflower. Pkt., 15c; oz., 80c; ¼ lb., \$3.00; lb., \$15.00.



Olds' Honey or Sugar Rock.

251. Muskmelon—OLDS' HONEY OR SUGAR ROCK

This new melon has four characteristics which are outstanding: First, Quality; Second, Productiveness; Third, Ability to stand shipping and handling; Fourth, Striking appearance.

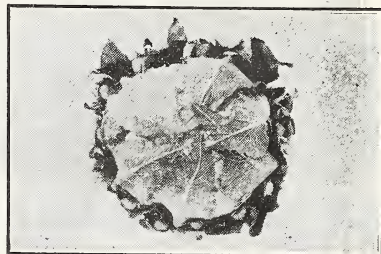
The Honey or Sugar Rock has a deep orange flesh with a flavor different from all other sorts. It can not be appreciated without tasting. The fruits are oval and medium in size and are not ribbed. It matures in about 85 days from seed. Try it this year sure. Pkt., 20c; oz., 45c; ¼ lb., \$1.15; lb., \$3.75.

91. Cauliflower—

OLDS' SUPER SNOWBALL.



We predict that Olds' Super Snowball will become the leading cauliflower both in the home garden and for the market gardener. It is a real marvel both in earliness and also in uniform time of heading. It will head from two to three weeks sooner than the earliest strains that we know of and very uniformly throughout the field. The heads are large, deep and solid and of a pure white color and the foliage strong and vigorous, forming a good protection. Note how the leaves fully protect the head as shown in the upper picture. When the head reaches a size of five inches in diameter it



Olds' Super Snowball.

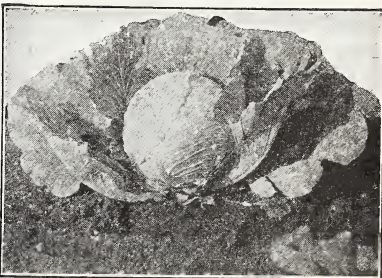
may be tied up and then if growing conditions are favorable, it will increase to ten inches across in a few days' time. The crop can be completely harvested four months from the time the seed is sown.

Our stock is very limited and we advise ordering early as we are sure there will not be enough seed to go around. Pkt., 30c; ¼ oz., 90c; ½ oz., \$1.60; oz., \$3.00; lb., \$10.00.

77. Cabbage—OLDS' WISCONSIN GLOBE



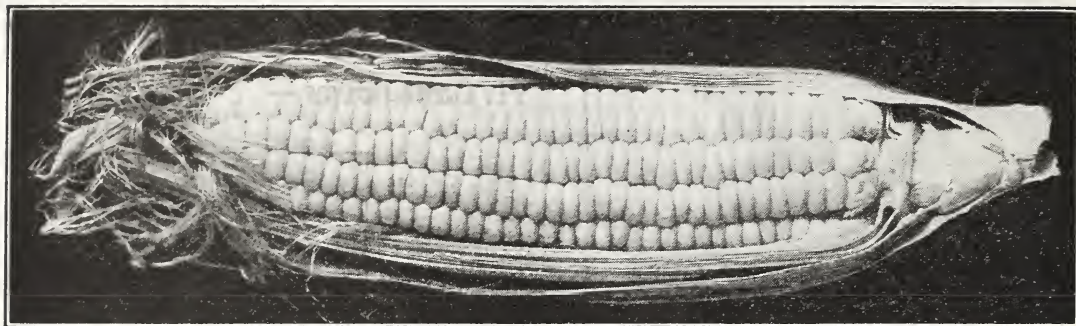
Olds' Wisconsin Globe is a wonderful "yellows resistant" second early cabbage. It has short stems, round heads and is a very vigorous grower. A sure header and of excellent quality. A good yield on any fair soil. This cabbage is a selection from G l o r y of Enkhuizen and is the same in season as the Glory of Enkhuizen.



Olds' Wisconsin Globe.

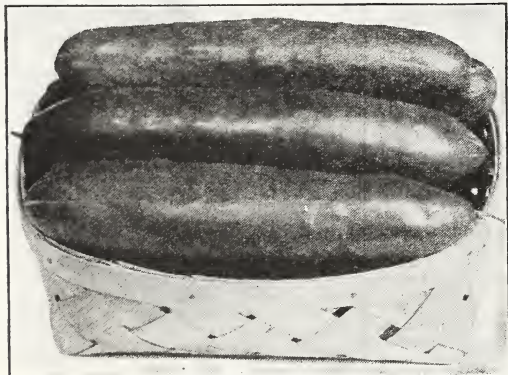
Our crop of Marion Market Cabbage seed has failed for the last two years and very little seed of this variety is obtainable. We recommend Olds' Wisconsin Globe in place of the Marion Market. If planted at a close distance the heads will be of medium size. If given liberal space the heads are inclined to grow to a large size. Pkt., 25c; ½ oz., 65c; oz., \$1.25; ¼ lb., \$4.50; lb., \$16.00, postpaid.

OLDS' VEGETABLE NOVELTIES AND SPECIALTIES



Olds' Golden Sunshine Sweet Corn.

148. SWEET CORN, OLDS' GOLDEN SUNSHINE. This new valuable variety was developed and introduced by Dr. Yeager of the North Dakota Agricultural Experiment Station. It has a rich golden color; the ears are about one inch longer than Golden Bantam and usually have 12 rows instead of 8, while the quality practically equals that of the famous Bantam. The most important feature of Golden Sunshine Corn is its extreme earliness. It is actually 7 to 10 days earlier than Golden Bantam. Our stock of this new corn is especially fine. Pkt., 10c; $\frac{1}{2}$ lb., 25c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.65, postpaid. Not prepaid, 100 lbs., \$20.00.



Olds' Longfellow Cucumber.

172. CUCUMBER, OLD S' LONGFELLOW. The ideal variety where an extra long slicing cucumber is desired, either for growing in the greenhouse or for field culture. The cucumbers are 12 to 16 inches long, thinner than Davis Perfect and very uniform in shape and size, with decidedly few seeds. This makes them very firm and of excellent keeping quality. Longfellow is real dark green and will hold this color until ripe. All growers that cater to a fancy trade want this variety, as it is a money maker for them, producing cukes of just the right size, shape and color. A very shy seeder, hence the price will always be comparatively high. Pkt., 15c; oz., 35c; $\frac{1}{4}$ lb., 90c; lb., \$2.75, postpaid.

264. WATERMELON, OLDS' SWEETEST AND EARLIEST.

This melon is just what its name indicates—the earliest and sweetest of all. The size is medium. Does not exceed in weight 20 lbs., averaging from 10 to 15 lbs. The flesh is scarlet, of extra fineness and sweetness, entirely free from stringiness, and fairly melts in your mouth. This variety is very prolific, and the plant is of hardy and vigorous growth. We expect it will become extremely popular. It is a cross between Mountain Sweet and Cole's Early, combining the better qualities of both. Fruits are of attractive appearance, the rind being mottled with several shades of green. Has white seed. Ripe melons in 65 days. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

Olds' Sweetest and Earliest.



Laxton's Progress Pea.

336. NEW PEA, LAXTON'S PROGRESS.* The most recent introduction of real merit in the list of large pod dwarf peas and an ideal sort for the small home gardener where space is at a premium. Progress grows but 18 inches high. The vines are exceedingly vigorous and produce the largest pods of any extra early sort. Pods average over 4 $\frac{1}{2}$ inches long, well filled with 8 to 10 deep green, large peas of wonderful flavor. The peas are ready to gather within 60 days from the time the seed is sown, making them a few days earlier than the Laxtonian or Blue Bantam. This variety is hardy as well as early and may be planted along with the extra early, smooth, hard seeded varieties. Pkt., 15c; $\frac{1}{2}$ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$2.00, postpaid. Not prepaid, 100 lbs., \$25.00.

OLDS' STANDARD VEGETABLES ASPARAGUS

6. **MARY WASHINGTON GIANT RUST PROOF.** The result of years of breeding and selecting by the United States Bureau of Plant Industry. The stalks are larger and more tender than those of other varieties, and apparently immune from rust. Mary Washington asparagus will meet the needs of both market gardeners and home gardeners.

Seed: Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50. Plants—One year old, 25 for 75c; 50 for \$1.25; 100 for \$2.00. Two year old, 25 for \$1.00; 50 for \$1.75; 100 for \$2.50, postpaid. Not prepaid, one year old, 100 for \$1.75; 1,000 for \$11.00. Two years, not prepaid, 100 for \$2.25; 1,000 for \$15.00; 500 at the 1,000 rate.

2. **COLUMBIAN MAMMOTH WHITE.** A vigorous grower and heavy yielder. The thick shoots are white and remain so. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c, postpaid. Plants, one year old, 25 for 45c; 100 for \$1.60. Two year old, 25 for 75c; 100 for \$2.00, prepaid. Not prepaid, one year, 1,000 for \$7.50; two year, 1,000 for \$10.00; 500 at the 1,000 rate.

5. **PALMETTO.** A very heavy grower. Shoots large, dark green, with pointed tips. Prices same as for Columbian Mammoth White.

OLDS' ASPARAGUS PLANTS

The growing of asparagus plants is one of our specialties. On our own farm where the rich, loose soil seems to be particularly adapted to making strong root growths, we have thousands of the very best plants that can possibly be produced. An asparagus bed is a sort of permanent affair, the average life of which is about fifteen to twenty years so in starting a new bed it is important to obtain the very best.

The Mary Washington Giant Rust Proof is our main variety. We have been growing the plants for several years and we have them in both one and two-year-old sizes.

(We recommend One Year Plants in preference to Two Year. They are cheaper, they are more easily planted because of having shorter roots and after the first year they will produce more.)

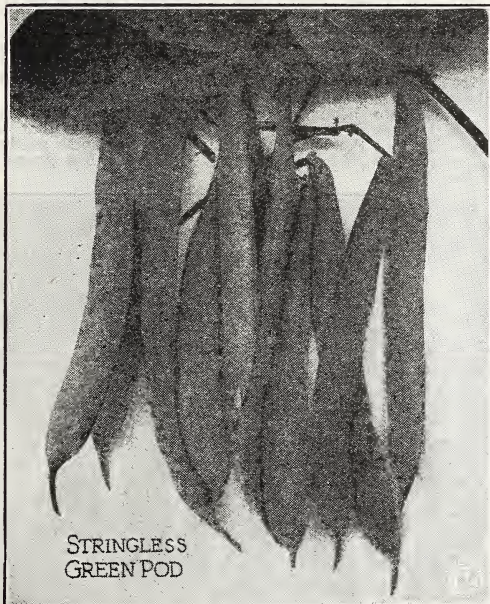
OLDS' GARDEN BEANS

Our beans are Northern grown, thoroughly rogued and carefully hand-picked. Those marked with a star are varieties we specially recommend. Order by number. Our packets each contain sufficient seed to plant from 10 to 15 feet of drill. One pound will plant 50 to 75 feet of drill; 1¼ bushels one acre. Beans weigh 60 lbs. to the bushel, except Lima Beans which weigh 56 pounds.

Note: Beans were a short crop the past season. Order early to make sure of securing what you want.

25 pounds or over any variety of beans at the hundred pound rate.

GREEN POD VARIETIES



STRINGLESS
GREEN POD

15. **★STRINGLESS GREEN POD.** (Burpee's.) The best green pod. A bush or dwarf variety. It is early, hardy and productive, bearing handsome pods which are entirely stringless even when fully matured. The pods are five or more inches long, very round and straight. We recommend this variety above all others if a green pod is wanted. Large 2 oz. pkt., 10c; ½ lb., 25c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.80, postpaid. Not prepaid, 100 lbs., \$30.00. 25 lbs. or more at 100 pound rate.

13. **BOUNTIFUL.** In our judgment the best green pod bush next to Stringless Green Pod. The pods are flat instead of round, stringless, attractive and of good quality. Early, hardy and very productive. 2 oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c, postpaid. Not prepaid, 100 lbs., \$35.00.



38. **★KENTUCKY WONDER.** (Old Homestead.) Without doubt the most popular and useful of the green podded pole beans and by far the most widely grown. The vines are very vigorous and productive, and bear large clusters of big round pods, about 9 or 10 inches long, curved, tender, very fleshy and of fine quality. Large 2 oz. pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid. Not prepaid, 100 lbs., \$18.00.

12. **IMPROVED EARLY RED VALENTINE.** (Round Pod.) A green pod bush variety, early, hardy, productive. Pods round, crease-backed. An old favorite. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 85c, postpaid. Not prepaid, 100 lbs., \$25.00.

19. **REFUGEE OR THOUSAND-TO-ONE.** A very productive, hardy, vigorous, late green pod bush variety. 2 oz. pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c, postpaid. Not prepaid, 100 lbs., \$25.00.



Mary Washington Giant
Rust Proof.

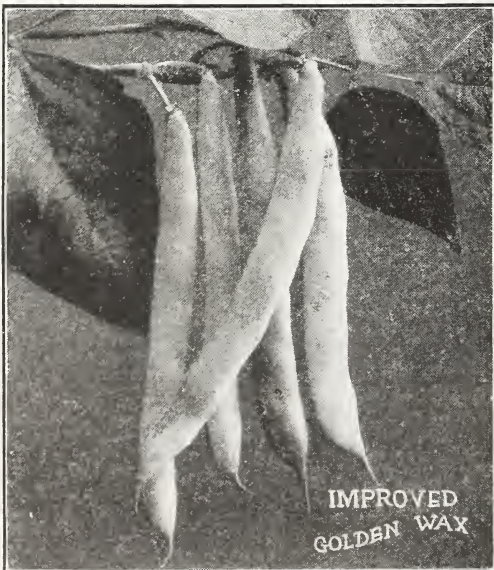
OLDS' GARDEN BEANS WAX POD VARIETIES



Olds' Early Stringless Wax.

20½. ★OLDS' EARLY STRINGLESS WAX. This bean is our leader in wax-pod varieties. A cross between Burpee's Stringless Green Pod and Valentine Wax, and a decided improvement over both. It possesses earliness, hardness, vigor.

The pods are light yellow in color, well filled, tender, and of a delicious flavor. Large 2 oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.75, postpaid. Not prepaid, 100 lbs., \$24.00; 25 pounds or over at 100 pound rates.



20. ★IMPROVED GOLDEN WAX. The standard flat, wax-podded variety. The Golden Wax has long been a popular favorite and this Improved strain surpasses the old Golden Wax in several ways. The pods are large and handsome; of rich golden-yellow color. Large 2 oz. pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.40, postpaid. Not prepaid, 100 lbs., \$22.00.

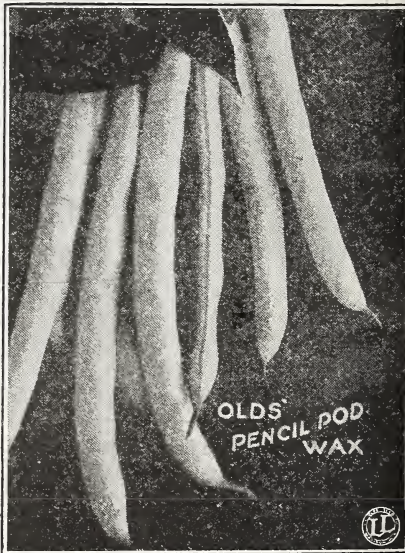


19½. ★OLDS' LATE STRINGLESS WAX POD BEAN. Our 1921 Introduction. This bean is a strain or selection from Burpee's Stringless Green Pod and excels that splendid variety in table quality. A handsome bean with long, showy, yellow pods. Like the Olds' Early Stringless Wax, it is round-podded, light-yellow, crisp and unusually fine flavored. Its vigor enables it to withstand unfavorable weather and soil conditions better than most varieties do. In season it immediately follows Olds' Early Stringless Wax and it continues to bear until cut down in the fall by the frost. The two form a close succession if planted at the same time. Both are heavy yielders.

In these two beans, Olds' Early Stringless Wax Pod and Olds' Late Stringless Wax Pod, we believe that we are offering you the best combination for the home garden. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c. Not prepaid, 100 lbs., \$26.00.

22. DAVIS WHITE KIDNEY WAX. While belonging to the wax or yellow class the Davis is lighter in color. The pods are long, white, straight. A market gardener's variety. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c, postpaid. Not prepaid, 100 lbs., \$28.00.

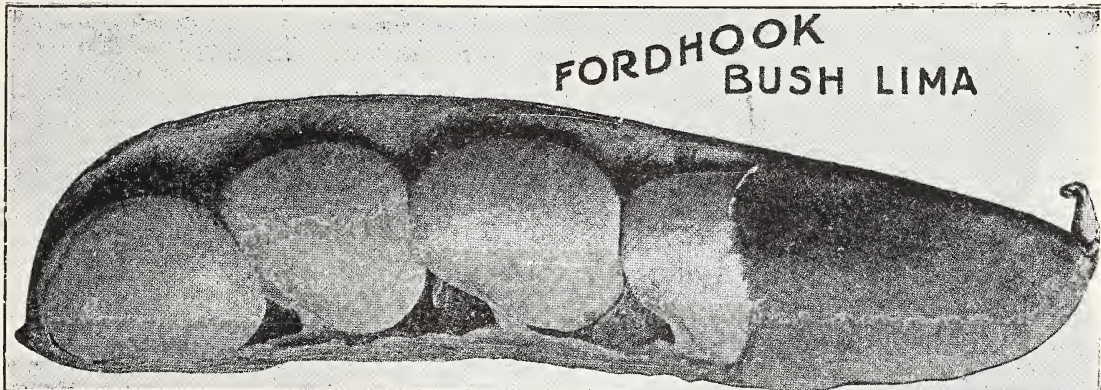
38½. KENTUCKY WONDER WAX. An early Pole Wax sort. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c, postpaid. 100 lbs., \$22.00.



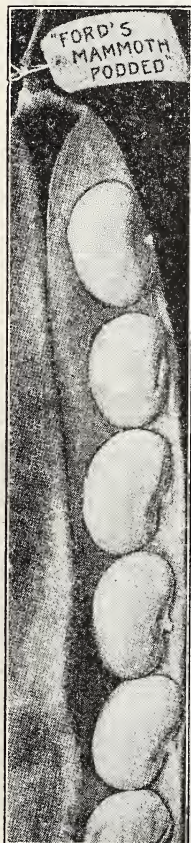
24. ★OLDS' PENCIL POD BLACK WAX. Best of all the dwarf black-seeded wax varieties. A long, straight, round-podded, crease-back bean. Early and very productive; entirely stringless and a clear yellow in color. Large 2 oz. pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.60, postpaid. Not prepaid, 100 lbs., \$25.00.

OLDS' LIMA BEANS

25 pounds or more any variety of beans at the hundred pound rate.



34½. **FORDHOOK BUSH LIMA.** The highest in quality and the most prolific of all the Bush Lima Beans. An improved variety with plants growing erect and bearing well above the ground. Pods are medium green in color; from four to five inches long, and produced in large clusters; they contain from 3 to 5 large beans each of fine quality. The beans are white, with greenish tinge, thick and meaty. Large 2 oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.80, postpaid. Not prepaid, 100 lbs., \$33.00.



31. **HENDERSON'S BUSH LIMA.** A small bean. The bush is not large, but the variety is earlier than any other Bush Lima. Pods are small, containing 3 or 4 small, flat, white beans of good quality. A popular variety with canners. It is like the Golden Bantam Corn in that it is small, early and very good. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.90, postpaid. Not prepaid, 100 lbs., \$25.00.

33. **FORD'S MAMMOTH PODDED.** The largest podded, finest flavored and most productive Pole Lima Bean. The pods average eight inches in length, with from five to seven beans in a pod, excellent either green or dry. The vines grow vigorously, set the beans early, and continue to bear until frost. Pkt., 10c; ½ lb., 25c; lb., 45c; 2 lbs., 75c, postpaid. Not prepaid, 100 lbs., \$25.00.

30½. **DREER'S POLE LIMA.** This variety of lima is desirable on account of earliness and productiveness. The plants are vigorous and covered with large pods. Beans are oval in shape, thick, sweet and succulent. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c, postpaid. Not prepaid, 100 lbs., \$30.00.

39. **SCARLET RUNNER.** A pole bean that is really a climbing bean and very ornamental. The blossoms are purple or scarlet, the pods a beautiful green, shading to wine color when ripe and the large, showy leaves are about the same color. Seed reddish brown, mottled black. Planted mostly for ornamental purposes but the beans are good to eat, both as snap and shelled beans. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c, postpaid. Not prepaid, 100 lbs., \$30.00.

14. **NAVY BEAN or BOSTON BAKED BEAN,** as it is sometimes called. Popular since the time of the Civil War. Primarily a Field Bean but deserves a place in the garden. Don't give it rich soil. Cultivate well, but never cultivate or disturb any crop of beans while wet with either dew or rain, as it is always sure to produce rust or blight. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.15, postpaid. Not prepaid, 100 lbs., \$12.00. (100 pound price subject to change.)



Burpee's Improved Bush Lima.

34. **★BURPEE'S IMPROVED BUSH LIMA.** Early, large and productive. Both beans and pods are larger than in the old Burpee's Bush Lima, usually averaging one more bean to the pod. Also earlier. The bush is vigorous in growth and has a heavy foliage. Pods are uniform in size, with an average of five beans to a pod. Beans are large, thin skinned and of fine flavor. The pods are borne in clusters and are easily gathered. There is nothing quite so delicious as green Lima beans fresh from your garden. Large 2 oz. pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$1.90, postpaid. Not prepaid, 100 lbs., \$28.00.

(Note: Plant Limas with the eyes down and in a warm location. Never plant early, as the soil must be warm.)

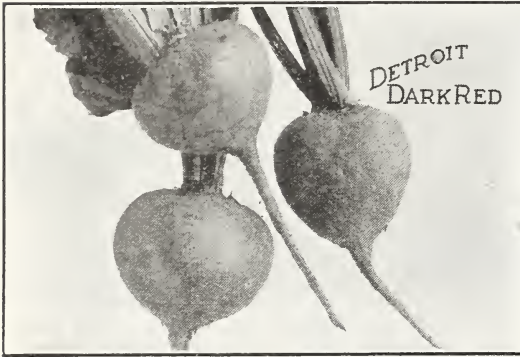


FOR GARDEN BEANS. Means you will get a more robust vine, a heavier crop and make this legume enrich the soil in which it is used. Once tried on garden beans you will always use it. It pays for itself ten times over. It is not an expense but an investment. Price, Garden Size, sufficient for 8 pounds, 27c, postpaid. Not prepaid, 25c. (The same culture may be used for Peas also.) See page 5.

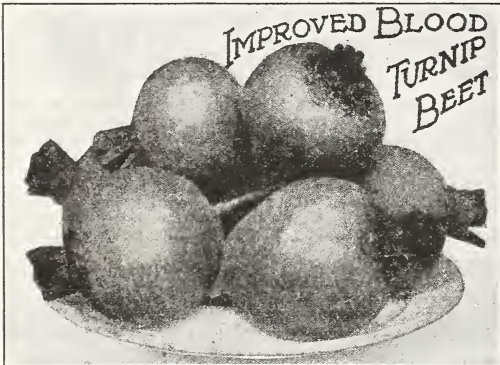
OLDS' GARDEN BEETS

The best soil for beets is a deep, sandy loam. However beets are easily grown and will do well on most any good soil. For early beets, plant as early in the spring as the ground can be worked, following a little later for main crop. For winter beets, plant in June. Seed should be planted about $\frac{3}{4}$ inch deep. Each packet contains enough seed to sow 15 to 20 feet of drill; one ounce will sow sixty feet; 5 to 6 pounds an acre in drills.

We take great care to have seed that will produce beets free from rootlets and uniform in size.



48. **★DETROIT DARK RED.** A leader for both home and market garden. Globe shaped, smooth and symmetrical. Dark crimson in color. Quality the best. Probably the most widely grown beet for commercial canning. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.



41. **★OLDS' IMPROVED EARLY BLOOD TURNIP.** A fine bright-red beet, remarkably even in size and appearance, and ready for use fifty days from planting. By far our largest seller. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.



52. **★CRIMSON GLOBE.** A very fine second early or main crop table and market variety. Medium in size, handsome, with small dark foliage. Rich blood-red in color, sweet, tender and never stringy. Unequalled for table use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

BEETS IN SUCCESSION.

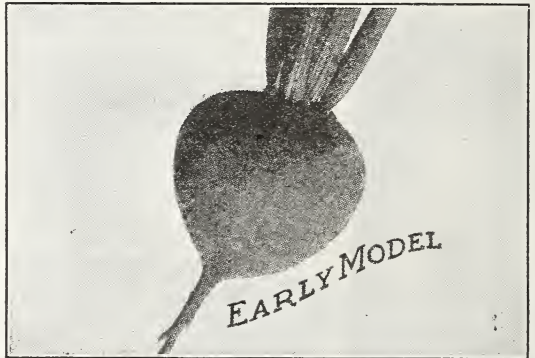
Do not depend on one planting for a supply all through the summer and fall. Some varieties are sweet and tender after they have grown to large size but the sweetest and most delicious of all are the small beets—just big enough to use. Have more coming on all the time.

Early plantings may be followed by bush beans, carrots, cucumbers, turnips, etc., and later plantings may succeed the early crop of radishes, spinach, peas or other spring vegetables. For winter storage sow the seed about August 1st.

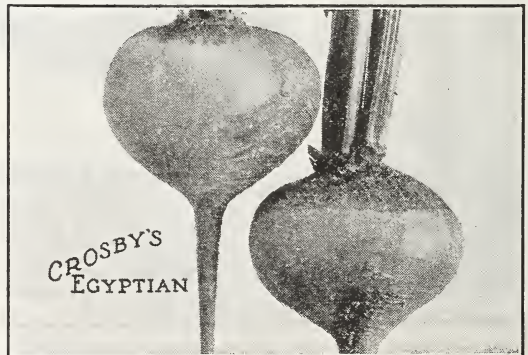


Early Wonder.

43. **★OLDS' EARLY WONDER.** A selection from Crosby's Egyptian. We think it is just a little nearer perfection than anything we have ever offered before in the beet line. Very uniform dark red, globe shape, small top. Especially good for late planting although in the extra early class; 45 days for maturity. Early, hardy, productive and handsome. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

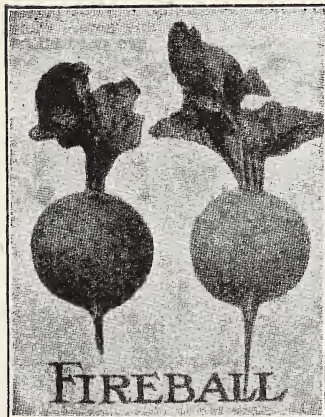


45. **★OLDS' EARLY MODEL.** One of the earliest. Globe shaped, with small tap roots. Color of the flesh very dark red, which makes it splendid for pickling. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

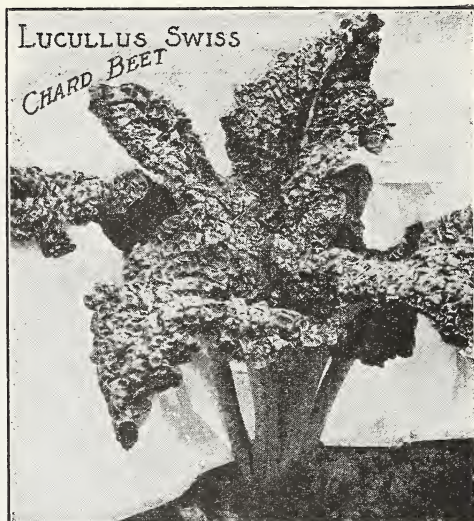


51. **CROSBY'S EGYPTIAN.** One of the earliest of beets. Good shape and color. Excellent quality and one of the best for early but not recommended for winter storing. A favorite with market gardeners. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.15.

GARDEN BEETS, CHARD, MANGELS



40 1/2 —
★ OLDS' EARLIEST FORCING
 (Fireball.) Earliest of all beets; suitable for forcing. A turnip-rooted or globe shaped variety and red as a radish. It has a smooth skin and is solid and very sweet in flavor. The leaf stalks and tap roots are quite small, making it valuable for sowing in frames. It retains its fresh table qualities better than most beets and is a valuable sort to sow in the open ground as well as in frames. Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., \$1.00.



52 1/2. LUCULLUS SWISS CHARD. The new Swiss Chard, or Spanish Beet. Largely used for greens. Grows again after being cut off. The plants grow from two to two and one-half feet in height. Stalks are thick, broad and delicious when cooked and served like asparagus. Pkt., 10c; oz., 15c; 1/4 lb., 35c; lb., \$1.15.

44. EARLY ECLIPSE. An old favorite. As early as Crosby's Egyptian but more desirable because of its perfect globe shape. Very smooth, sweet and tender and bright red in color. Pkt., 5c; oz., 15c; 1/4 lb., 35c; lb., \$1.00, postpaid.

40. EXTRA EARLY EGYPTIAN. A famous variety for forcing and for first early. One of the very earliest of all beets in fact, with very small top. Roots very dark red, rounded on top, flat beneath. Flesh dark, purplish red. Pkt., 5c; oz., 10c; 1/4 lb., 30c; lb., 90c.

OLDS' MANGELS AND SUGAR BEETS.

Mangels are highly nutritious and easily stored for winter. Greatly relished by all kinds of live stock. One ounce sows 75 to 100 feet of drill. Five pounds sows an acre. Yields of 15 to 20 tons of roots per acre are not unusual. A cheap feed. Seed crop very short this year.



Mammoth Long Red Mangel.

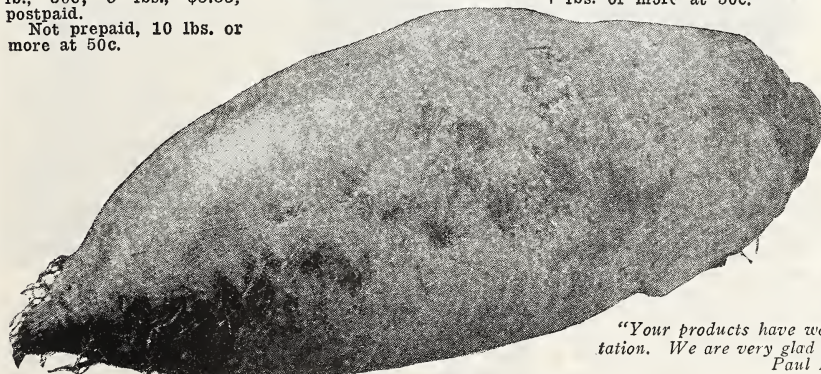
55. ★MAMMOTH LONG RED. The heaviest cropping and largest of all mangels, and the most widely grown. The roots frequently grow two feet or more long, with 1/2 to 3/4 of their length above ground. Skin bright red; flesh white with rings of pink. Oz., 10c; 1/4 lb., 20c; lb., 60c; 5 lbs., \$2.65, postpaid. Not prepaid, 10 lbs. at 45c.

63. GIANT HALF-SUGAR BEET. Combines the large size of the mangel with the great feeding value of the sugar beet. Oz., 10c; 1/4 lb., 25c; lb., 80c; 5 lbs., \$3.35, postpaid.

Not prepaid, 10 lbs. or more at 50c.

56. GOLDEN TANKARD. The best yellow-fleshed mangel. Contains a larger percentage of sugar than the red mangels. Can be grown closely in rows and yields enormously. Oz., 10c; 1/4 lb., 30c; lb., 90c; 5 lbs., \$3.40, postpaid. Not prepaid, 10 lbs. or more at 50c.

61. KLEIN WANZLEBEN SUGAR BEET. Largely grown for sugar. The root is straight and even. A heavy yielder and very rich in sugar. Oz., 10c; 1/4 lb., 20c; lb., 70c; 5 lbs., \$2.75, postpaid. Not prepaid, 10 lbs. or more at 50c.



Danish Sludstrup Mangel.

59 1/2. ★DANISH SLUDSTRUP. This new mangel has attained the highest honor in agricultural circles in Denmark where mangels are as important as corn is here. Sludstrup has a long reddish-yellow root, growing more than half above ground; is easily harvested. It excels any other variety in weight, feeding value, and yield. Oz., 10c; 1/4 lb., 25c; lb., 75c; 5 lbs., \$3.00, postpaid. Not prepaid, 10 lbs. or more at 50c.

"Your products have won for you a very enviable reputation. We are very glad to do business with such a firm."
 Paul N. Smith, County Agr. Agent.

OLDS' CABBAGE

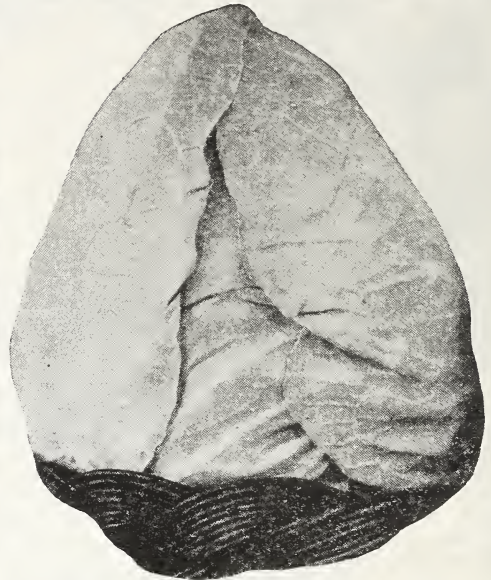
Our cabbage seed is all the best American-grown, excepting the Danish varieties, which reach the greatest perfection only in Denmark. Each packet contains seed sufficient to produce 500 plants; ¼ lb. will plant one acre. Those marked with a star are the varieties we specially recommend. Use Slug Shot for cabbage worms. See page 93.



Golden Acre Cabbage.

73. ★**NEW GOLDEN ACRE.** Earliest of all round-headed varieties. It is an extra early selection of the Copenhagen type, maturing with Jersey Wakefield. Tests covering several years indicate that heads nine inches in diameter are produced in 80 days from the time seed is planted. The heads are firm and solid, fully equal to any of the late sorts in that respect. It will stand without bursting in the field for a month or more after maturity. Pkt., 15c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.70; lb., \$8.00.

84½. ★**COPENHAGEN MARKET.** Undoubtedly the most valuable cabbage of recent introduction, maturing but a few days later than Jersey Wakefield; valuable for both home and market garden. Our seed is the best Danish grown. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.25; lb., \$5.00, postpaid.



Olds' Early Jersey Wakefield.



70. ★**OLDS' EARLY JERSEY WAKEFIELD.** 90 days to maturity. Early Jersey Wakefield is the best known and most popular extra early cabbage in cultivation; in fact more seed of this variety is planted in the United States than all others of the same type combined. The head is very solid, comparatively small and running to rather a small point at the top. Quality is excellent. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 90c; lb., \$2.75, postpaid.

72. ★**CHARLESTON WAKEFIELD.** About one week later than Early Jersey Wakefield. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

80. ★**ALL SEASONS.** Can be used for either early or late. Heads large, round and deep. A good keeper. A favorite with the market gardeners. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 85c; lb., \$2.50, postpaid.

Wisconsin Yellows Resistant Varieties of Cabbage

The accompanying photograph of a field at Racine, Wisconsin, shows a test row of cabbage from good commercial seed in the center of a field of yellows resistant cabbage.

No clearer demonstration of the value of resistant seed in districts affected by "Yellows" could be given.

Racine and Kenosha Counties are in the heart of the oldest cabbage section in Wisconsin; but a few years back, cabbage growing had been practically abandoned there because the soil had become so badly infected with this destructive fungus, known as "Yellows."

Then, after years of experiment and study, Dr. L. R. Jones of the Department of Plant Pathology of the

80½. ★**WISCONSIN HOLLANDER NO. 8** or Wisconsin Danish Ballhead. The same as No. 85 described on the following page, except that it is "Yellows Resistant." Wisconsin No. 8 is without doubt the most satisfactory strain of cabbage to grow for winter use and for a shipper. It will keep better than any other and it has the heaviest, most solid heads of any. The heads are almost perfectly round, fine grained and with few outside leaves. We recommend this strain most emphatically. It is, in fact, our best seller in all the cabbage list. Pkt., 15c; ½ oz., 35c; oz., 65c; ¼ lb., \$2.25; lb., \$8.00, postpaid.



The Middle Row, Practically a Failure, is from Ordinary Seed. All the Other Rows, Each Side, from Yellows Resistant Seed.

All our Yellows Resistant Seed is Wisconsin Grown.

Seed of three standard varieties.



76. ★**WISCONSIN ALL SEASONS.** The same as No. 80 described above except that it is "Yellows Resistant." The supply of authenticated seed is limited this season. Pkt., 15c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00, postpaid.

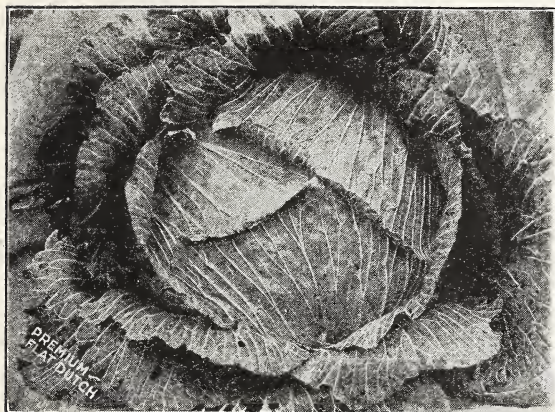


87. ★**MARION MARKET.** Crop failed.
77. ★**OLDS' WISCONSIN GLOBE.** Our new variety of Yellows Resistant Cabbage. See page 29. We offer this variety in place of Marion Market. It closely resembles that variety in type and quality. Pkt., 25c; ½ oz., 65c; oz., \$1.25; ¼ lb., \$4.50; lb., \$16.00.

University of Wisconsin, selected three strong heads of the Danish Ballhead or Hollander variety, which were apparently immune to "Yellows." The seed from these were planted and extensive field tests proved the plants grown from this seed to be as resistant as were the first three.

The yellows resistant features have been very carefully maintained and tested out in succeeding crops and the seed we offer can be fully relied upon as genuine "Yellows Resistant" seed. Two other varieties have been added to Hollander so that now we are able to offer Yellows Resistant

OLDS' CABBAGE



Premium Flat Dutch.

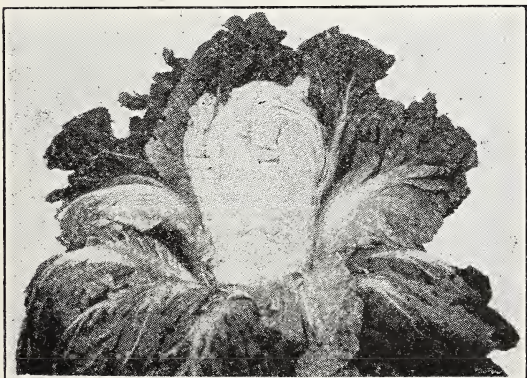
82. **★PREMIUM LATE FLAT DUTCH.** A very popular garden variety and one of our best sellers. This old favorite is low growing with large bluish-green heads, round and solid, and broad and flat on top. It is an excellent fall and winter variety, and a good keeper. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 80c; lb., \$2.50, postpaid.

75. **★ALLHEAD EARLY.** Earlier than any other large cabbage, larger than any other early cabbage. Heads deep, flat and solid. If but one variety of cabbage is planted, probably Allhead Early is the best for all purposes. Makes a fine winter cabbage. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.

82½. **★EARLY WINNIGSTADT.** Very early. Heads pointed like the Wakefields. Heads regular, solid and conical; keeps well both summer and winter. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

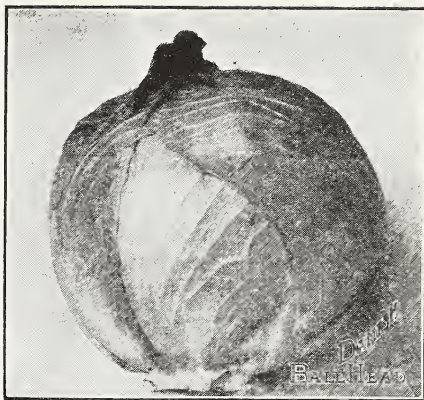
83. **DRUMHEAD SAVOY.** Best of all the Savoy cabbages. The plant is of strong growth with outer leaves growing closely about the firm head. Leaves are very much crumpled. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 85c; lb., \$2.75, postpaid.

89. **MAMMOTH ROCK RED.** The best, largest and surest-heading red cabbage; used largely for pickling. Heads are round, solid and of a very attractive deep red color, averaging from ten to twelve pounds. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$3.75 postpaid.



Chinese or Celery Cabbage.

83½. **CHINESE OR CELERY CABBAGE.** (Pe Tsai.) This plant does not form a solid head like cabbage, but grows a long, loose head somewhat like Cos Lettuce. It may be served like lettuce, as cold slaw or like spinach. It is very mild and a real delicacy. Plant in rows and thin to about a foot apart. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.50, postpaid.



85. **★HOLLANDER OR DANISH BALLHEAD.**

The great commercial cabbage, and the best shipper. Especially valued for its solidity and fine keeping qualities. It is the most largely grown variety in America for the winter markets. The heads weigh more for their size than any other variety. They are round as a ball, solid, fine-grained with few outside leaves. This variety has been bred and perfected for fifty years in Denmark and our seed is produced by one of the best of the Danish growers. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00, postpaid.



88½. **★GLORY OF ENKHUIZEN.** A very valuable introduction from Holland, and an important addition to the list. It is valued for its earliness, size, keeping qualities and flavor. Heads medium, round. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00, postpaid.

HOME GROWN CABBAGE PLANTS.

We grow these plants ourselves. Ready early in May. Can supply Early Jersey Wakefield, Golden Acre and Copenhagen Market. Prices of all: Doz., 25c; 50 for 65c; 100 for \$1.50; 500 for \$6.00, postpaid.

FROST PROOF CABBAGE PLANTS

Grown off the coast of South Carolina where the difficult growing conditions give the plants great resistance to cold and bad weather. They are guaranteed to stand a temperature of 20 degrees above zero. **YOU GAIN THREE WEEKS.** Shipment to you direct from the growing station.

The plants will probably arrive in a wilted condition. This does not hurt them, for after planting, they make a slow but steady growth.

Can supply Early Jersey Wakefield, Charleston Wakefield, Copenhagen Market, Succession and Early Flat Dutch.

Prices: 100 to 400 plants at 50c per 100; 500 plants, \$1.60; 1,000 or more plants at \$3.00 per 1,000, postpaid. By express: 1,000 to 4,000 plants at \$2.00 per 1,000; 5,000 or more plants at \$1.50 per 1,000.

(No orders filled for less than 100 plants of a kind.)

(After May 15th order Home Grown Cabbage Plants as we cannot furnish the Frost Proof after that date.)

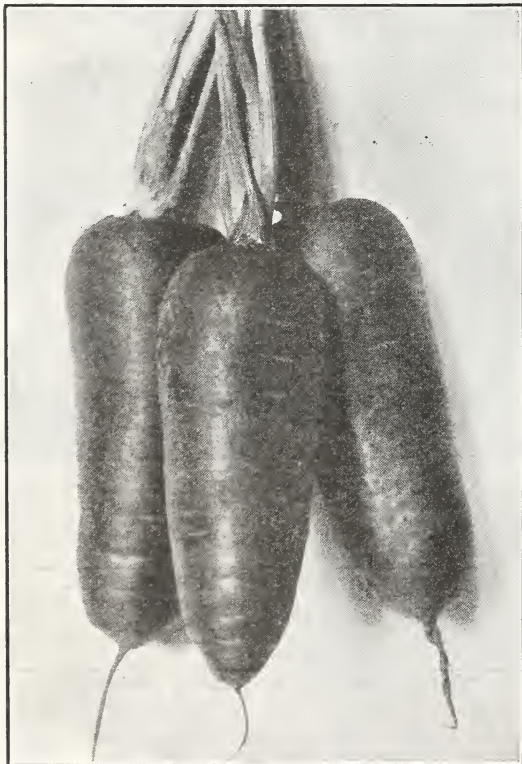
OLDS' CARROTS

Carrots are rich in vitamins and very healthful. Plant them in your own garden and have them fresh. Our Carrot seed is grown from carefully selected roots. A packet will sow 25 to 30 feet. Three pounds an acre.



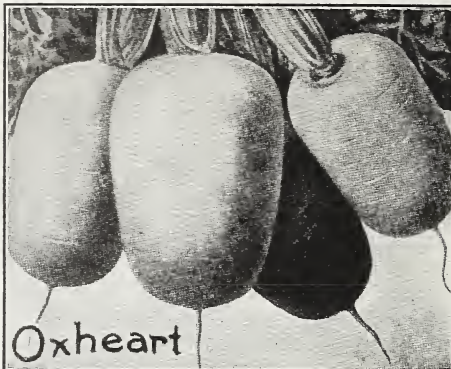
Danvers Half Long Carrot.

100. ★**DANVERS HALF LONG.** A splendid carrot, grown for its productiveness and table quality. One of the best and most desirable for home or market garden. Roots 6 to 8 inches long, tapering uniformly to a blunt point. Flesh deep orange, tender and of excellent quality. A little larger than Chantenay. Immensely popular and deservedly so. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.



Early Chantenay Carrot.

106. ★**EARLY CHANTENAY. SELECT STRAIN.** One of the most popular varieties in America, for both table and stock purposes. The true type is half long, thick and very stump rooted, and in dimensions 5½ inches long, 2 to 2½ inches thick at the crown and tapering to 1 to 1½ inches at the bottom where it is very stump rooted with a decided rat tail. The color is bright orange scarlet and the core is rather large and definite. We recommend unhesitatingly our Select Strain of Early Chantenay for anyone who wants a reliable, smooth, uniform, handsome type of carrot that will always give satisfaction for most any purpose. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.



Oxheart

103. ★**OXHEART.** Very popular and pronounced by many "the best all around carrot." Very thick, 5 inches long, nearly as broad, and very blunt at the lower extremities. May be grown profitably for stock as well as for table use. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

105. **EARLIEST FRENCH FORCING.** The earliest carrot; best for forcing; roots almost round, about 2½ inches through. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.

108. **OLDS' HALF LONG STUMP ROOTED.** For smoothness, even shape, absence of rootlets and small tap root, this carrot is unsurpassed. It is early and one of the best for summer use. Roots 6 to 8 inches long, nearly cylindrical and blunt. Red flesh, sweet and mild. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.25; postpaid.

102. **OLDS' IMPROVED LONG ORANGE.** A well known standard variety; roots long, thick at the crown and tapering regularly to a point; color deep orange; suitable for both table and field crop. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.

STOCK CARROTS.

111. **LONG ORANGE BELGIAN.** While most of our other varieties of carrots also can be profitably grown for stock, Long Orange Belgian, on account of its great productiveness, will be found a most desirable variety to grow for feed. The roots are mammoth in size, yielding often as high as 10 tons per acre. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.00, postpaid. Not prepaid, 10 lbs. at 60c.

112. **MASTODON.** The heaviest cropper of all varieties, yielding more tons to the acre than any other. Creamy white in color, of excellent quality and a wonderfully profitable, cheap feed. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.25; 5 lbs., \$5.00, postpaid. Not prepaid, 10 lbs. or more at 45c.

TREAT BEFORE PLANTING WITH **SEMESAN** FOR DISEASE PROTECTION

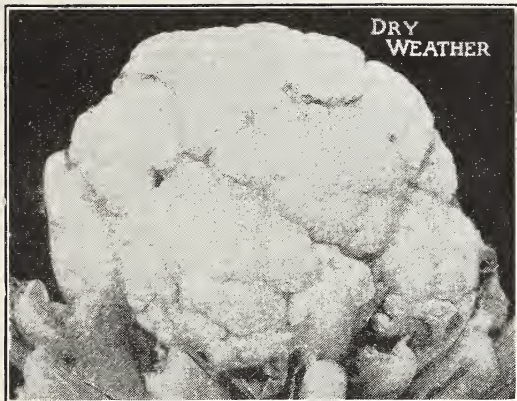
Market Growers' Journal, one of the leading trade papers for commercial vegetable growers, published in the Spring of 1928 a series of articles on "Spray-Dust Hints by Crops" in which Semesan was recommended for treating seeds of the following vegetables:

Artichokes.	Horseradish.	Peas.
Asparagus.	Kale.	Pepper.
Beans.	Kohlrabi.	Potatoes.
Beets.	Leeks.	Radish.
Cabbage.	Lettuce.	Rhubarb.
Celery.	Muskmelon.	Rutabaga.
Carrots.	Cantaloupes.	Salsify.
Cauliflower.	Watermelons.	Spinach.
Collards.	Pumpkins.	Sweet Potatoes.
Swiss Chard.	Squash.	Tomatoes.
Corn (Sweet).	Mustard.	Turnips.
Cucumbers.	Onions.	
Eggplants.	Parsley.	
Endive.	Parsnip.	

(See page 47.)

OLDS' CAULIFLOWER

Olds' Cauliflower Seed is grown in Denmark and is the best that can be procured. Each packet contains enough seed to produce 200 plants; from 3 to 4 ounces of seed will furnish plants enough for one acre. Order by number. Leaflet on culture of cauliflower, free on request.

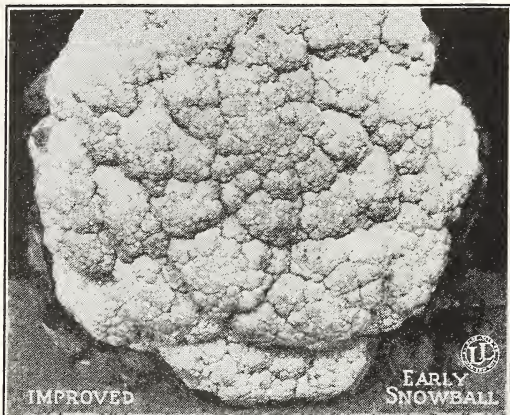


Dry Weather Cauliflower.

93. **★DRY WEATHER.** The best all-purpose cauliflower for every kind of soil. It produces large, solid, pure white heads. Matures about a week later than Improved Early Snowball. We recommend this variety very strongly where success against crop failure in hot, dry weather is desired. It grows large heads too, larger than Snowball and is a sure header. Our seed from a prominent Danish grower, is thoroughly reliable. Pkt., 20c; ¼ oz., 70c; oz., \$2.00; ¼ lb., \$7.00; lb., \$25.00, postpaid.

95. **OLDS' EARLIEST OF ALL.** The earliest and quickest growing cauliflower we know of. The plants produce erect, fine, solid heads. Pkt., 20c; ¼ oz., 75c; oz., \$2.25; ¼ lb., \$7.50, postpaid.

94. **AUTUMN GIANT.** One of the finest late varieties. Heads large and compact. A vigorous grower. Pkt., 10c; ¼ oz., 20c; oz., 50c; ¼ lb., \$1.75; lb., \$6.50.



90. **★IMPROVED EARLY SNOWBALL.** Undoubtedly the most popular early variety either for the home or market garden. The medium sized, snow-white heads (six to ten inches in diameter) are firm, compact and solid, with few short, upright leaves. Our seed comes from one of the best Danish growers and is equal to any strain of Snowball on the market. Pkt., 20c; ¼ oz., 75c; oz., \$2.25; ¼ lb., \$7.50; lb., \$28.00, postpaid.

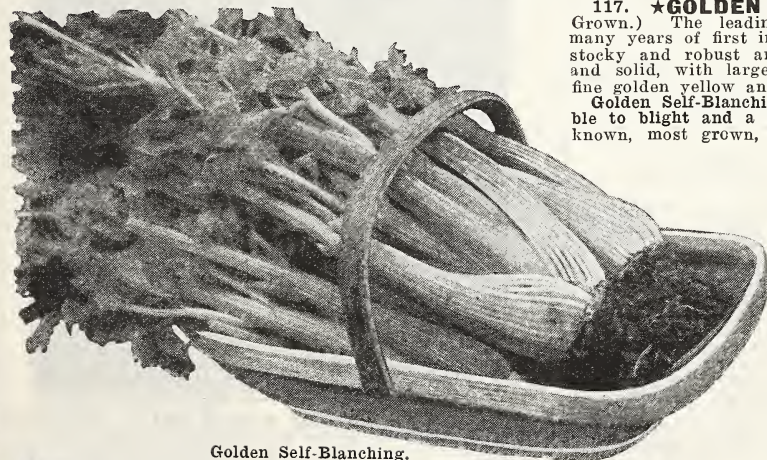
91. **OLDS' SUPER SNOWBALL.** Our new variety of cauliflower. Earliest and hardiest. See page 29 for complete description. Pkt., 30c; ¼ oz., 90c; ½ oz., \$1.60; oz., \$3.00; ¼ lb., \$10.00.

OLDS' HOME GROWN CAULIFLOWER PLANTS.

We can furnish Improved Early Snowball (early) and Dry Weather (second early). Ready early in May. Doz., 40c; 50 for \$1.25; 100 for \$2.25, postpaid.

OLDS' CELERY

Each celery packet contains enough seed to produce 1,000 plants; one ounce will produce 7,500 plants.



Golden Self-Blanching.

117. **★GOLDEN SELF-BLANCHING.** (American Grown.) The leading early variety of celery and for many years of first importance to celery growers. Plants, stocky and robust and of compact habit; stalks, heavy and solid, with large, stringless, close-set ribs; heart a fine golden yellow and remarkably crisp and tender.

Golden Self-Blanching is the earliest to mature, not liable to blight and a good keeper and shipper. The best known, most grown, most wanted celery on the market today, and by far our biggest seller. Pkt., 10c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00, postpaid.

118. **GIANT PASCAL.** A standard fall and winter variety, but not a good shipper on account of its tender stalks. This fact, however, recommends it as a home-garden or home-market variety. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.75, postpaid.

HOME GROWN CELERY PLANTS.

We can furnish Golden Self Blanching (early) and Winter Queen (late). Ready about June 15th. Doz., 25c; 100 for \$1.50; 500 for \$5.50, postpaid.

115. **OLDS' WHITE PLUME.** The leaves are bright green at the base shading to nearly white at the tips. This variety grows large and the flavor is all that you could desire. It is very attractive in appearance and is easy to blanch. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.00, postpaid.

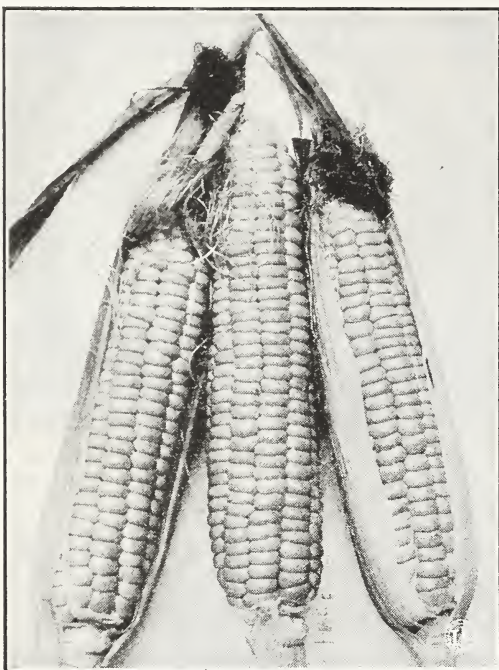
115½. **OLDS' EASY BLANCHING.** This variety is probably the earliest of all with the possible exception of the Golden Self-Blanching. It is more hardy than that variety, however, and not liable to blight. As the name indicates it is very easy to blanch and is white instead of yellow cast. It is an excellent keeper. Pkt., 10c; oz., 65c; ¼ lb., \$2.00; lb., \$7.00, postpaid.

121. **WINTER QUEEN.** The best and most dependable late variety. Very fine for winter use. Of medium height; broad, light green stalks, very solid and crisp. Pkt., 5c; oz., 30c; ¼ lb., 90c; lb., \$3.00, postpaid.

125. **CELERIAC, NEW GIANT PRAGUE.** An easily grown vegetable that deserves a place in your garden. It forms a turnip-shaped root about 2 inches in diameter, with the flavor of fine celery. Splendid for soup, stews, salads, etc. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.00, postpaid.

OLDS' SWEET CORN

Our Sweet Corn is all first class, high testing seed. Our packets each contain two ounces, larger than the usual packet and enough for 30 to 40 hills. One peck (11 lbs.) will plant an acre. We recommend using Semesan Jr., with Sweet Corn as well as Field Corn. See page 9. 25 pounds any variety of sweet corn at the hundred pound rate.



Golden Bantam.

142. **★GOLDEN BANTAM.** Most popular variety in the United States. Everyone likes Golden Bantam. Indeed, many people will not take any other when it is obtainable. The flavor is deliciously distinct, superior to that of any other corn. The small 8-rowed ears, usually less than 6 inches in length and several on a stalk, are perhaps higher in sugar content than any other corn. It is only 10 to 12 days later than Early July, making a good succession when planted at the same time.

The kernels are tender, very wide and of good depth, while the cob is small, and the flavor delicious. Large pkt. (2 oz.), 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid. Not prepaid, 100 lbs., \$17.00.

Use Semesan Jr. on your seed Sweet Corn before planting. See page 9. Ask for special booklet.

Use 4-16-4 Fertilizer for Sweet Corn. Vigoro is also fine. See page 92. It pays big to use fertilizer.

139½. **★COUNTRY GENTLEMAN.** Often called "Shoe-peg" corn because of the long, narrow, pointed kernels, with their crowded and irregular arrangement on the cob. It is a distinct late variety, with 2 to 5 big ears on a large stalk. A favorite main crop sweet corn, packed from tip to butt with long pearly-white kernels set closely on a remarkably small cob. Sweeter and finer flavored than any other white corn and one of the best of the late varieties for table use. Large pkt. (2 oz.), 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.30, postpaid. Not prepaid, 100 lbs., \$16.00.

Mrs. Casper Wiegel writes, August 15, 1929:

"I have just been awarded premiums at the Big White Fair of Lafayette County on vegetables grown from your seeds. I took first premium on your red cabbage, first on your Savoy cabbage, first on your Tom Thumb popcorn. Also premiums on your Chicago Pickling Cucumber, your Chinese Giant Pepper and they were all very fine.

People were amazed at the size and solidity of the red cabbage."

P. S. "I've been raising the Tom Thumb or Japanese Hulless popcorn for eight years and have never seen any to compare with what I have this year from your seed."

148. **OLDS' GOLDEN SUNSHINE.** The new Sweet Corn. (See page 30.) Earlier than Golden Bantam. It looks somewhat like Golden Bantam only the ears are larger, an inch longer and usually 12 rowed instead of 8 rowed. At the same time it is actually 7 to 10 days earlier than Bantam, and for quality it is just as good. Everybody should plant some Golden Sunshine this season. Of all the new introductions in the vegetable line it is one of the most valuable. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.65, postpaid. Not prepaid, 100 lbs., \$20.00.

145. **★OLDS' EARLY EVERGREEN.** An extra fine strain of Stowell's Evergreen with large ears, yet ready for the table 7 to 8 days earlier than Stowell's. It retains the fine sugary flavor and tenderness of kernel that have made the Evergreens popular. Large pkt. (2 oz.), 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.20, postpaid. Not prepaid, 100 lbs., \$15.00.

142½. **BANTAM EVERGREEN.** Many attempts have been made to combine the sweetness, earliness, color and flavor of Golden Bantam, with the tender skin and large ear of the Evergreen. The Bantam Evergreen is the only really successful cross. Large pkt. (2 oz.), 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c, postpaid. Not prepaid, 100 lbs., \$16.00.

140½. **BLACK MEXICAN.** One of the richest and sweetest of all varieties of sweet corn. Large pkt. (2 oz.), 5c; ½ lb., 20c; lb., 35c; 2 lbs., 60c, postpaid. Not prepaid, 100 lbs., \$16.00.

141½. **GOLDEN CREAM.** A late yellow. A cross of Golden Bantam and Country Gentleman. The result is a yellow Country Gentleman with all its excellent table qualities. Large pkt. (2 oz.), 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c, postpaid. Not prepaid, 100 lbs., \$18.00.

136. **MAMMOTH WHITE CORY.** Larger than the original White Cory and still one of the very earliest varieties of sweet corn. It was named Mammoth White Cory because the ears are so large for an extra early variety. Large pkt. (2 oz.), 5c; ½ lb., 15c; lb., 20c; 2 lbs., 35c, postpaid. Not prepaid, 100 lbs., \$15.00.



135½. **★OLDS' EARLY JULY.** Way ahead of every thing else in earliness. For nine years we have been growing this variety and we like it now better than ever. To say that it is earlier than Golden Bantam is perhaps recommendation enough. It has produced corn ready for table use in 60 days every year for nine consecutive years.

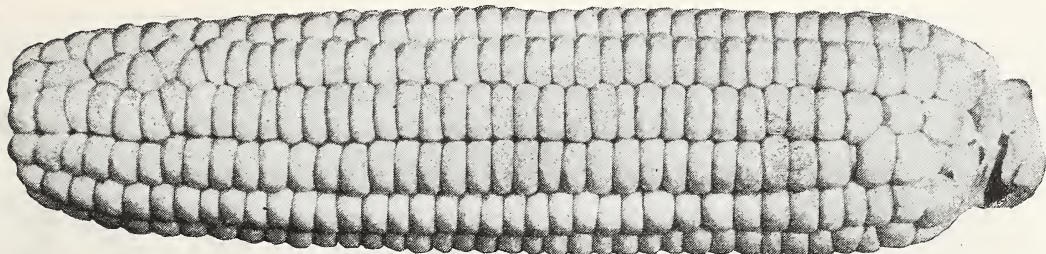
The ears are creamy white, about seven inches long and on account of the very admirable habit of producing two, three and even four good ears to the stalk it is really very productive. It has a short stalk with few leaves, so you can plant six or eight kernels to the hill. Large pkt. (2 oz.), 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.50, postpaid. Not prepaid, 100 lbs., \$20.00.

EARLY ORDER PREMIUMS

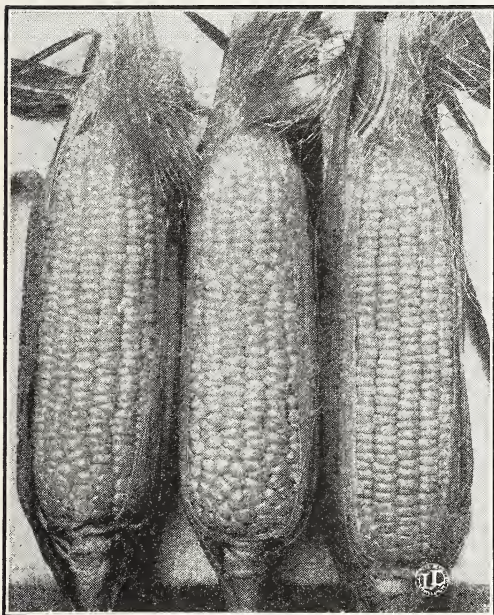
We offer Free Flower Seeds with all orders received before March 1st. See extra leaflet.

OLDS' SWEET CORN

25 pounds or more, any variety of sweet corn, at hundred pound rate.



Stowell's Evergreen Sweet Corn.

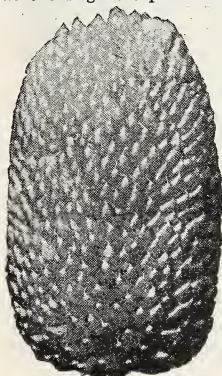


Early Champion.

139. ★EARLY CHAMPION. One of the best main crop, second-early varieties. Stalks large and leafy; strong-growing and dependable. The ears are large, usually two on a stalk. Kernels are large and white and full of milk; 10 to 12 rows to the ear.

An all-around good sweet corn for either home or market garden. Popular because of its great productiveness. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.10, postpaid. Not prepaid, 100 lbs. \$14.00.

HOW TO PICK SWEET CORN. To have the finest sweet corn, you must pick it when in just the right condition, that is, when the skin of the grain breaks at the slightest puncture.



Tom Thumb Pop Corn.

147. ★STOWELL'S EVERGREEN. The best known and most largely planted of all late varieties. Stowell's Evergreen has proven its worth over and over again, during a period of many years. It makes the largest ear and the most fodder of any sweet corn we list, and the corn is tender, sweet, and of excellent flavor. Its popularity is also due to the fact that it remains long in the milk before ripening up, thereby lengthening its season for table use; hence the name, Evergreen. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid. Not prepaid, 100 lbs. \$15.00.

EVERGREEN SWEET FODDER. See page 13.

138½. ★HOWLING MOB. This variety is so valuable that it heads the list with many growers. When it was first offered the demand for it became so loud and clamorous that it was given its queer but appropriate name. It is one of the best flavored and most tender of all second-early or main crop varieties. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; postpaid. Not prepaid, 100 lbs., \$16.00.

GARDENING FOR HEALTH.

Sweet Corn and Green Peas are at their sweetest and best only when they can be brought direct from the garden to the kitchen and cooked within an hour or so. The same is more or less true of all other vegetables. Have them fresh to have them healthful. Moreover the joy and satisfaction in seeing things grow in your own garden as well as the healthful exercise required will help a lot in the health program.

Note—Use Special High Analysis Corn Fertilizer (4-16-4) with your Sweet Corn and Pop Corn. See page 92.

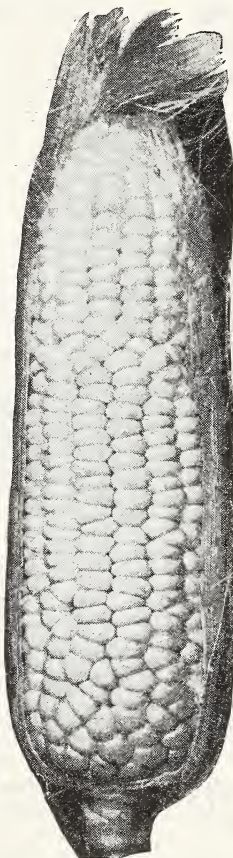
OLDS' POP CORN

154½. ★TOM THUMB. Known also as Hulless, Dwarf Rice and Squirrel Tooth. This variety grows very dwarf, and the ears are short and stubby, with long narrow pointed kernels. It is ready for popping soon after it is husked. It is almost hullless and when popped there is no hard center, making it the finest eating of all varieties. Pearly white in color, ears very uniform in size and of peculiar shape. It is a favorite in all markets now and in fact has about displaced all other pop corn. Much more tender than White Rice and has just enough yellow tinge to look rich. Pkt., 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.35, postpaid. Not prepaid, 100 lbs., \$18.00

150. WHITE RICE. The familiar shoepegged variety, several good sized ears to each stalk. Pkt., 5c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.10, postpaid. Not prepaid, 100 lbs., \$12.00.

154. OLDS' BLUE BEAUTY. Medium sized ear, almost blue, very productive and a good popper. Pkt., 10c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid. Not prepaid, 100 lbs., \$12.00.

151. QUEEN'S GOLDEN. Long yellow ears with flat round kernels. Ears produced in abundance and easy to husk. Pkt., 5c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.00, postpaid.

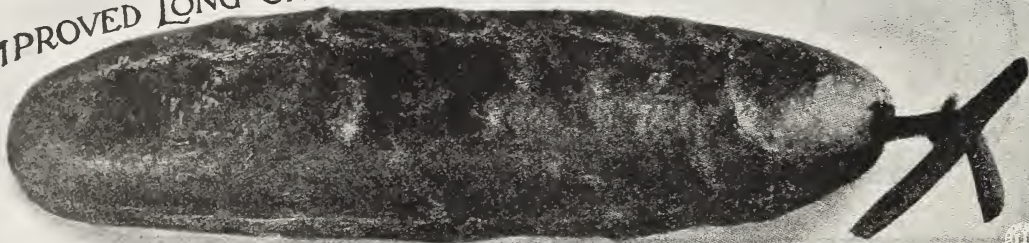


Howling Mob.

OLDS' CUCUMBERS

A packet will plant from 12 to 15 hills. Two pounds will plant an acre. Use "Evergreen" for cucumber beetles. See page 93.

IMPROVED LONG GREEN



165. OLDS' IMPROVED LONG GREEN. A standard main crop, table and pickling variety. Perhaps the best known of all cucumbers. Our largest seller next to Improved Chicago Pickling. The young fruit makes excellent pickles, and when ripe is the best for sweet pickles. Vines vigorous and productive. Fruits long, firm and crisp. Color deep green, flesh white and firm. Very good for slicing. The seed we offer is an improved strain. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 2 lbs., \$2.75, postpaid.

172. OLDS' LONGFELLOW. Our new cucumber. See page 30. This new cucumber is very long and thin, longer and thinner even than Davis Perfect and it is just as smooth and uniform as that excellent variety. This makes it an ideal cucumber for a slicing variety, in fact the best produced thus far.

In color, shape and size this new variety is about ideal; is very firm, a fine keeper and has few seeds. Pkt., 15c; oz., 35c; $\frac{1}{4}$ lb., 90c; lb., \$2.75, postpaid.



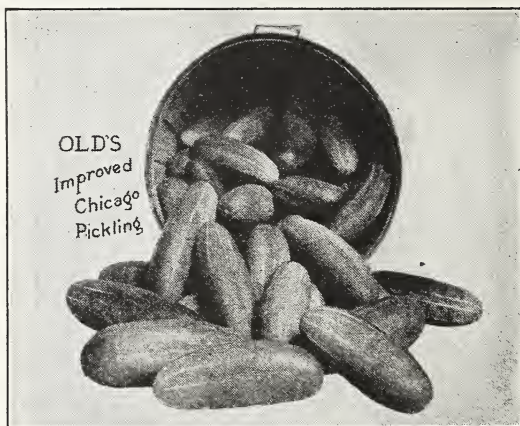
164. OLDS' SELECT WHITE SPINE. We think this is the best White Spine; no other variety excels it in quality. A very select strain, almost cylindrical in shape, very productive. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.35; 2 lbs., \$2.50.

159½. OLDS' EARLIEST WHITE SPINE. The earliest White Spine. It is, in fact, probably the earliest of all large cucumbers, being fully ten days ahead of the other big ones. Uniform, smooth, handsome in appearance. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.25; 2 lbs., \$2.25, postpaid.

160½. OLDS' EARLY FORTUNE. Very popular and by many considered the finest type of all the White Spine varieties. Certainly one of the best cucumbers ever introduced; very productive and disease resistant, dark green skin; fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds. A leading market variety and also splendid for the home garden. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 2 lbs., \$2.25, postpaid.

169. DAVIS PERFECT. White Spine type. A very popular strain. One of the smoothest and most uniform in shape of all cucumbers. Of a deep green color when in the slicing stage, medium late. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 2 lbs., \$2.75, postpaid.

168. EARLY RUSSIAN. The earliest cucumber in cultivation. This variety can be picked early for bottle cucumbers or allowed to grow just a few days longer for first early slicers. It is very even, smooth, tender, crisp and is hardy and free from disease. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.



158. OLDS' IMPROVED CHICAGO PICKLING. Our best seller of all cucumbers. We think it the very best of all for pickling and it is a great favorite with all large pickling houses as well as with the home gardener. Of uniform size, productive and good color. Sets its fruits when the vines are quite young. It always brings the highest market price because of its well known splendid qualities—fine shape, desirable size and excellent pickling quality. We offer an improved strain of this famous variety. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.25; 2 lbs., \$2.25.

162½. KLONDIKE. Another White Spine variety, excellent for shipping. Medium early, dark green, about 7 inches long. The fruits are thick at the stem end, very attractive in appearance, retaining color and crispness a long time. A wonderful keeper. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.10; 2 lbs., \$2.00, postpaid.

157½. SNOW'S PICKLING. The ideal bottle pickle. Enormously productive, very dark green in color and if kept pickled will produce during a long season. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.10, postpaid.

163. CUMBERLAND. One of the best of all purpose cucumbers with only a few seeds and a small seed cavity. A rapid grower. The fruit is straight and of good form, firm and crisp. An excellent early slicer. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.25; 2 lbs., \$2.25, postpaid.

170. JAPANESE CLIMBING. A distinct variety used to cover trellises, fences, etc. When in the slicing stage color is a splendid deep green. A very hardy, vigorous-growing cucumber of good quality. Length 9 inches. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75, postpaid.

156. EARLY GREEN CLUSTER. A small variety, about 6 inches in length, produced in clusters. Very early, prolific and uniform. Skin smooth, the ends tapering slightly. Popular as an early pickling cucumber. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

LITTLE KNOWN VEGETABLES FOR EVERY GARDEN

We are offering on this page vegetables which are little known but which should be included in every garden. In the home garden, space can always be found for a few Egg Plants, some Brussels Sprouts, Kohl Rabi and so on. These vegetables are not usually available in the market but have a garden of your own and put in what you please.



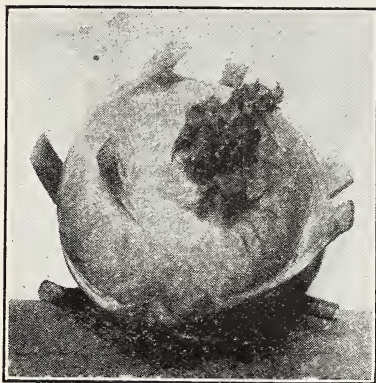
Black Beauty Egg Plant.

EGG PLANT.

Egg Plant is easily grown and is a good substitute for meat. When cooked in fat it has a fine food value and is also good when sliced, rolled in beaten egg yolk and crumbs, seasoned and fried. Egg Plants can also be stuffed and baked.

181. **★BLACK BEAUTY.** The best egg plant to grow for early market. Also the best for home use. It is fully ten days earlier than the New York Improved Purple and nearly as large. Spineless. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00, postpaid.

180. **NEW YORK IMPROVED PURPLE.** The favorite market variety. Plant is large and spreading. Pkt., 10c; oz., 40c; ¼ lb., \$1.40; lb., \$4.50, postpaid.



Early White Vienna Kohl Rabi

KOHL RABI.

Kohl Rabi has a turnip and cabbage flavor. The bulb which is formed above the ground is cooked like turnips.

205. **EARLY WHITE VIENNA.** Probably the best early variety. Extremely early with small tops. Medium size, handsome, white bulbs. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.25, postpaid.

206. **PURPLE VIENNA.** A popular variety for table use. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

OKRA

The long pods are used in soups and salads. Plants must be started indoors in pots. Pods should be gathered when young.

278. **WHITE VELVET.** Very productive and superior in flavor to any other variety. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c, postpaid.

HERBS

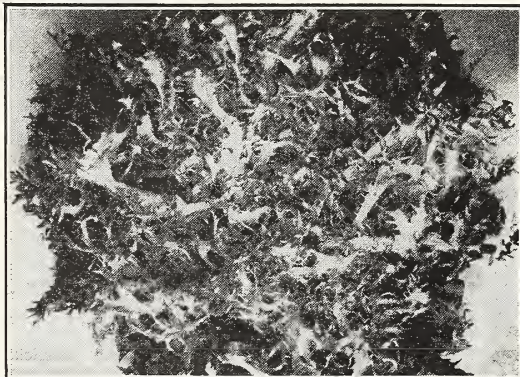
483. **CARAWAY.** Seed used in rye bread, cookies and cakes. Pkt. 10c; oz. 15c, postpaid.

485. **DILL.** Leaves and seed used for flavoring in dill pickles, soups and sauces. Pkt., 10c; oz., 15c; ¼ lb., 40c, postpaid.

489. **MARJORAM.** Sweet. Tops green or dried, used for flavoring soups. Pkt., 10c; oz., 35c, postpaid.

492. **SAGE.** (Perennial.) Dried leaves much used for seasoning in dressings; the most popular of all herbs. Pkt., 10c; oz., 40c, postpaid.

499. **MIXED HERBS.** A mixture of all varieties. Pkt. 10c; oz., 20c, postpaid.



White Curled Endive
ENDIVE.

Endive or French Lettuce is one of the finest salad greens and is also valuable for garnishing. It can also be used for flavoring stews and soups. Endive is very easily grown. Plant in rows eighteen inches apart and thin the plants to a distance of one foot. When the plants are nearly grown tie the tops to bleach the heads.

185. **GREEN CURLED.** Dark green leaves; blanches white. Very attractive.

186. **WHITE CURLED.** Leaves finely cut and almost white. Fine for salad.

187. **BROAD-LEAVED BATAVIAN.** Leaves very broad. All varieties. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

GOURDS.

199. **MIXED GOURDS.** This mixture contains a very wide range of colors, shapes, and sizes. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75, postpaid.

193. **HERCULES CLUB.** Edible, ornamental, and useful. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.

CHICORY

130½. **WITLOOF.** (French Endive.) A delicious winter salad. Grown for its delicate shoots. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50, postpaid.

CRESS

Used for salads and flavoring.

134. **EXTRA CURLED.** (Pepper Grass.) The best variety. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

KALE.

Kale is usually grown for greens and is also used here in the north for green feed for chickens.

201. **DWARF CURLED SCOTCH.** Dwarf spreading variety. Attractive bright green color. Very hardy. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

BROCCOLI.

97. **OLDS' ITALIAN GREEN SPROUTING.** See page 29.

BRUSSELS SPROUTS.

Brussels Sprouts are miniature cabbages formed on the plant stalk. The culture is the same as that of cabbage. The sprouts seem to have a finer flavor after being touched slightly by frost.

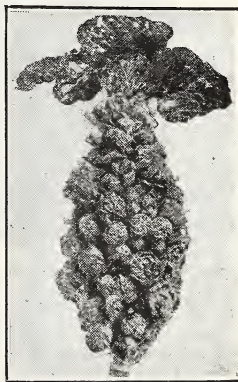
65. **OLDS' NEW DANISH.** The plants are strong and robust, and the stalks are large, thick and close-jointed. But the most desirable feature is that almost the whole stalk is covered and the sprouts at the bottom of the stalks are as fine and solid as those further up. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$2.00, postpaid.

210. **AMERICAN FLAG.** Large, thick stems. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

MUSTARD.

Used for greens and salads.

257. **SOUTHERN GIANT CURLED.** Most popular variety. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c, postpaid.



Olds' New Danish
Brussels Sprouts

OLDS' LETTUCE

Each packet contains enough seed to sow 25 to 30 feet of drill; 3 pounds will sow one acre. We especially recommend those marked with a star. Leaflet on Lettuce Culture on request.

LOOSE LEAF VARIETIES



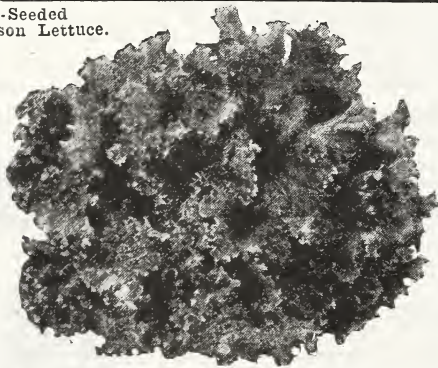
Grand Rapids.

215. ★GRAND RAPIDS. (Olds' Earliest Forcing.) A loose-leaf lettuce. The earliest variety we list and doubtless the earliest lettuce grown. It makes a rapid, upright growth of light green leaves, much crumpled, curled and frilled. It is of good quality, very brittle and a handsome lettuce for garnishing. Well known and a favorite everywhere. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

Vitamines and Minerals for Health.

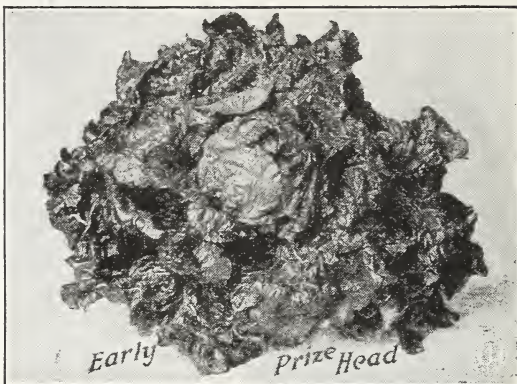
The vitamins and minerals which make the vegetables so valuable in their diet for health are found in greatest amount in vegetables that are strictly fresh. Those you cannot buy. You have to grow them yourself. People who have never eaten home-grown vegetables do not know what first quality vegetables are. Resolve to have your own vegetable garden this year.

Black-Seeded Simpson Lettuce.



219. OLDS' BLACK-SEEDED SIMPSON. Probably the most widely planted loose-leaf variety. The leaves, pale green in color, are much curled and twisted, very brittle, crisp and sweet. A quick growing early variety; leaves may be cut when quite small. Our favorite lettuce of all the varieties. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

234. OLDS' LETTUCE MIXTURE. Consists of a splendid assortment and contains early, second early and late lettuce; looseleaf, semi-heading and head lettuce; smooth leaf, curly leaf and notched leaf lettuce; leaves of light green, medium green, dark green and reddish-brown. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.15, postpaid.



Early Prize Head

220. ★EARLY PRIZEHEAD. One of the best known and most popular varieties in America. It is a curled, crisp, loose leaf lettuce of medium size; color, green overlaid with reddish-brown. It is one of the best home varieties as it grows quickly and makes an abundance of crisp leaves of the best flavor. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.



Paris White Cos.

231. PARIS WHITE COS. The aristocrat of the lettuce family. Distinguished by its long, narrow, spoon-shaped leaves, folding into loose, long heads. It is the lettuce of the great hotels and restaurants. Just as easily grown as other varieties. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.

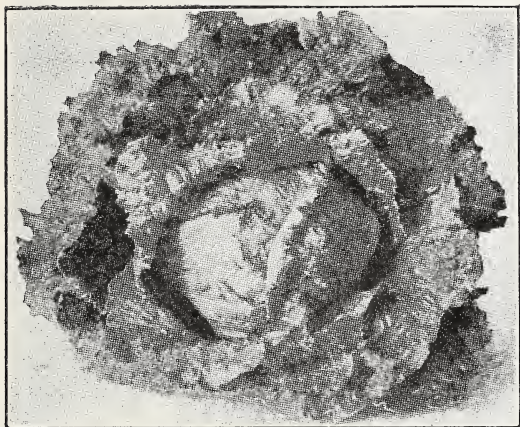
INTEGRITY OF SEEDSMEN

We doubt whether any other business is built up and maintained on character and confidence to the extent that the seed business is. Nor is the purchaser so dependent on the knowledge and integrity of the seller in any other business. It is impossible for any one to tell by looking at seed whether it will grow or not or whether it will produce the kind of crop desired. Buying seed then, is largely a matter of confidence. We are gratified to know that our customers realize this and that they depend upon us. As a result of this confidence many new friends are added to our list each season and orders sent us solely because some friends have recommended us to them. We appreciate this and thank them.

If a seed house is to grow and succeed as it should it requires the hearty co-operation of its customers and likewise if your business of growing crops is to grow you must have the full co-operation of the seedman. He must develop and introduce new and better strains wherever possible besides carrying the old standard favorites. We are continually working for better and finer vegetables and each year add to our lists the newer and better kinds. We hope you will give a small portion of your garden at least to a trial of these better varieties.

We are always glad to hear from you and are always glad to help whenever possible. We also want you to let us know if everything is not just as it should be.

OLDS' LETTUCE HEAD VARIETIES

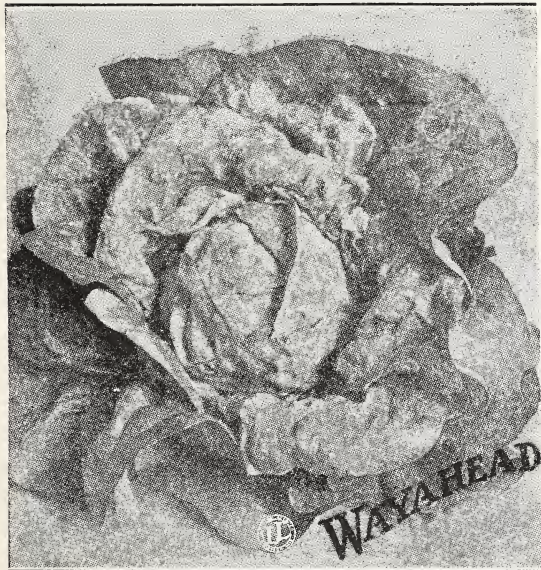


New York or Wonderful.

218. ★**NEW YORK OR WONDERFUL.** The largest head lettuce of all and the most popular. A new variety that has jumped into prominence in the last few years, especially with the large commercial lettuce growers. It frequently weighs two to three pounds. The heart is very solid and of a pleasing dark green color. Leaves are large and crumpled. Pronounced the finest in cultivation for exhibition purposes and for an outdoor, all-season variety it stands unrivaled. Ready for market in 60 to 65 days from planting time.

The New York or Wonderful is the most popular shipping variety known. This is the kind you buy in the stores in the winter although they do not always call it by that name. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

217. **IMPROVED HANSON.** One of the best known of the old standard varieties. Introduced many years ago. It is of the type known as curled-heading; medium size. Pkt., 5c; oz., ¼ lb., 45c; lb., \$1.25, postpaid.



232. ★**OLDS' WAYAHEAD.** In our trials Way-ahead has proved to be the very earliest head lettuce—nor does it lose anything in size because of its earliness, for it averages fully as large as the later varieties. The light green leaves are tightly folded, making firm, compact, solid heads that blanch to a rich buttery crispness. Tender, brittle and sweet. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00, postpaid.



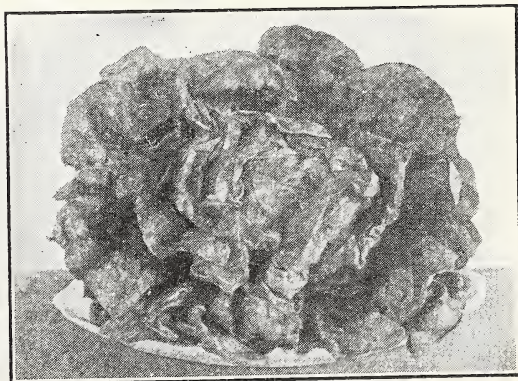
Iceberg.

216. **ICEBERG.** A large, medium late, cabbage-heading lettuce. Heads very hard. Curled and crisp leaves; wavy with fringed edges. It retains its brittleness even in hot weather. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.



Big Boston.

222. ★**BIG BOSTON.** A popular head lettuce. One of the most largely grown varieties in cultivation; early, hardy, with brittle head tending to a golden yellow. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.

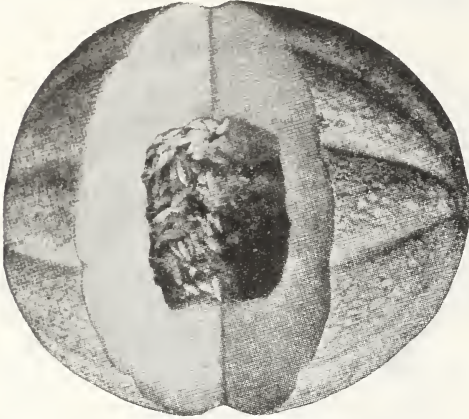


May King Lettuce.

227. ★**MAY KING.** A cabbage type with butter head. Medium small, light green, tinged slightly at the edges with brown; one of the best early-heading varieties. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50, postpaid.

OLDS' MUSKMELONS

A packet will plant 10 to 15 hills. Two to three pounds an acre. Do not plant too early. Use fertilizer. Use Slug Shot or Evergreen for the striped beetle. See page 93.

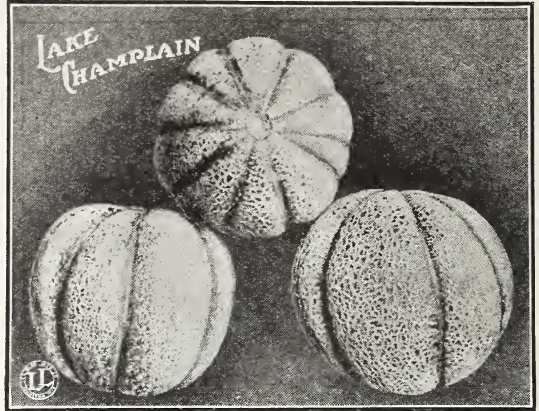


Milwaukee Market.
 241½. ★**MILWAUKEE MARKET.** One of the best melons for both market and home garden. Prolific, vigorous in growth and unsurpassed in flavor. This new melon made its appearance a few years ago and is now more largely grown, in this section at least, than any other variety. The skin is light green, fruits nearly round. Flesh a deep salmon color, thick, firm and solid. Every melon a good one. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.

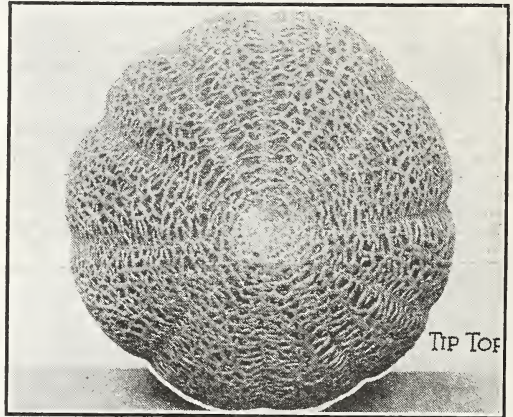
251. **OLDS' HONEY OR SUGAR ROCK.** Our new variety of muskmelon, which we predict will become a leading market and home garden melon. See page 29 for description. Pkt., 20c; oz., 45c; ¼ lb., \$1.15; lb., \$3.75.



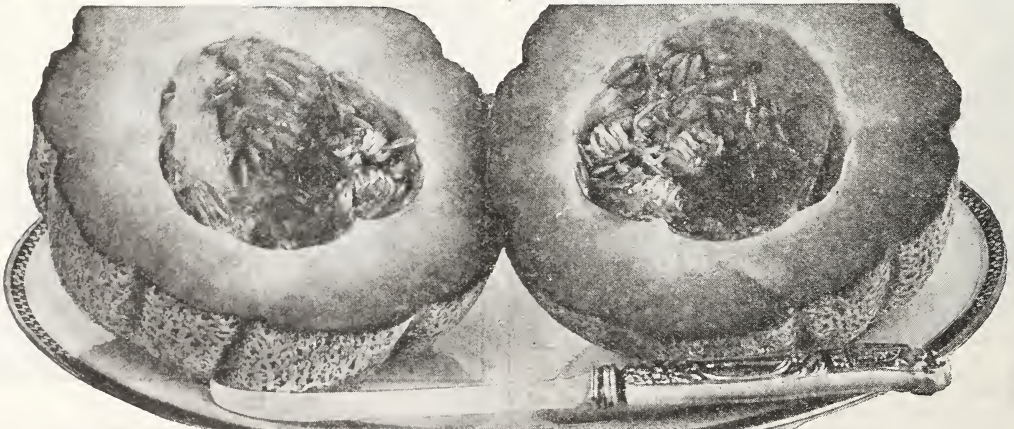
247. **HEARTS OF GOLD.** (Improved Hoodoo.) One of the finest types of the early, small salmon fleshed melons. An excellent shipping melon but equally good for home gardens. The melons are round, weighing about 1½ pounds each; lightly ribbed and covered with a fine grey netting; flesh very thick, deep salmon color; seed cavity, very small. Sweet. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.



235. ★**LAKE CHAMPLAIN.** The new extra early. On our trial grounds, the earliest in fact of all varieties. Lake Champlain is a round melon, well netted and with thick orange-hued flesh, honey-sweet, melting and delicious. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.00; 5 lbs., \$8.00, postpaid.



254. **TIP TOP.** Tip Top in quality, appearance and productiveness. Every melon is a good one—sweet, juicy, fine flavored and eatable to the rind. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.



244. **OLDS' ROCKY FORD.** Rocky Ford is probably the most popular and best known of all varieties of muskmelon. Just the right size to serve in halves. It is medium early, with vigorous and productive vines. The melons are almost round, ribbed, densely netted; flesh, green. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00.

OLDS' MUSKMELONS



239. OLDS' SELECT OSAGE. An oval shaped, salmon fleshed melon, unusually thick-meat, and spicy. The Osage has a reputation for quality ahead of all other varieties. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.

240½. EXTRA EARLY OSAGE. A week earlier than Osage, the standard high quality melon for home use. Salmon-fleshed, spicy. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

243. BENDER'S SURPRISE. A delicious, large, salmon fleshed melon, with superior shipping and keeping qualities. Greenish yellow skin with light netting. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.35; 5 lbs., \$4.50.

253. HONEY DEW. A distinct melon of the Casaba type. Smooth-skinned, of a light cream color. Late. Very tender with a sweetness found in no other melon. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

238. ★EMERALD GEM. A splendid early melon for the kitchen garden or nearby market, but not a shipper. It is a small, smooth-skinned variety, flattened at the ends. The flesh is pink, very sweet and highly flavored and the fruit is of convenient size. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

248½. BANANA. A very vigorous, hardy, main-crop melon, growing very long fruits, shaped somewhat like a banana. 14 inches in length and 4 inches in diameter. It is banana colored, pink-fleshed and really delicious. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.40, postpaid.

242. BURRELL'S GEM. An important commercial melon of the Netted Gem type. Second only to Rocky Ford in popularity for long distance shipping. Well netted. Flesh very sweet and spicy. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.50, postpaid.

246. POLLOCK NO. 10-25. A new type of Rocky Ford grown largely now not only in the Rocky Ford district as a commercial melon but by home gardeners and market gardeners where a small, salmon-tinted melon is desired. It is a very early melon and of a solid, netted type with very small cavity. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$6.00, postpaid.

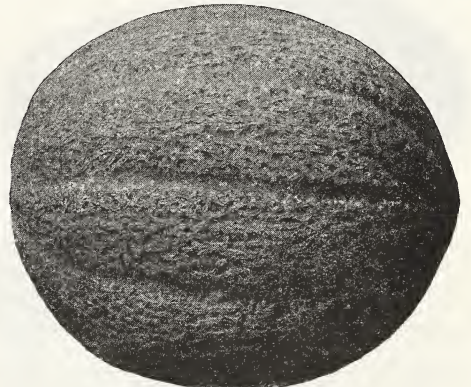


Early Knight.

237. EARLY KNIGHT. (Sweet Air.) Extremely popular with eastern growers. It is a happy combination of earliness, productiveness and quality. The melons are nearly oval in shape; densely netted; of good size, with thick, bright green flesh that is very luscious. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

236. EXTRA EARLY HACKENSACK. An early selection from the old Hackensack and one of the most popular of the extra early green-fleshed varieties. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.10; 5 lbs., \$4.25, postpaid.

247½. GOLD LINED ROCKY FORD. A splendid type of the green-fleshed Rocky Ford, with gold lining next to the seed cavity, making it unusually attractive when cut. Very thick-fleshed, spicy and sweet. Nearly round and completely covered with netting. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.



Early Model.

245. ★OLDS' EARLY MODEL. The perfect muskmelon. The Model is perfect in shape and size, sweet and delicious in flavor. Very productive. The flesh is green, seed cavity small with few seeds. On account of its size and shape, will bring fancy prices in any market and is also most satisfactory for home use. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.10; 5 lbs., \$4.90.

SEMESAN

Foremost Seed Disinfectant
Semesan Controls Disease and Increases Yield

"From a total planting on a number of farms of 150 acres of Semesan-treated stringless bean seed, we had a remarkably fine stand and the largest crop of our experience. In many plots the Semesan-treated seed yielded as much as twenty bushels more per acre than the untreated." R. W. Vane Packing Co., of Delaware.

Semesan Increases Germination

The New York Agricultural Experiment Station, reporting its results in Bulletin No. 554, with Semesan treatment of vegetable seeds, says that: "The outstanding features of the results were the startling stand increases from seed treatment in the earliest sowings, or, in other words, the sowings made when conditions for rapid germination were poorest."

Semesan is valuable for all kinds of vegetable crops. It is easily applied and the cost is very slight, ¼ cent to one cent per pound.

Prices: 2 oz. size, 50c; 8 oz. size, \$1.60; 1 lb. size, \$2.75; 5 lb. size, \$13.00. Not mailable.

(Ask for 16 page folder "Semesan, A Disinfectant for Vegetable seeds.")



Rows 1, 3 and 5 from untreated pea seeds showed a germination of 58, 58 and 75% respectively, while rows 2, 4 and 6 from Semesan-dusted seeds gave a stand of 92, 100 and 100% respectively.

OLDS' WATERMELONS

Our Watermelon seed is all northern grown. This seed is much better for planting in the north than southern grown. It is all from melons grown exclusively for seed and by seed growers of experience. Each packet contains seed enough for 8 to 12 hills. Four to five pounds will plant an acre. Do not plant too early and plant in sandy soil if possible. It pays well to use fertilizer for melons. There is nothing better than our Truck Gardeners Special. Vigoro is also fine. See page 92.

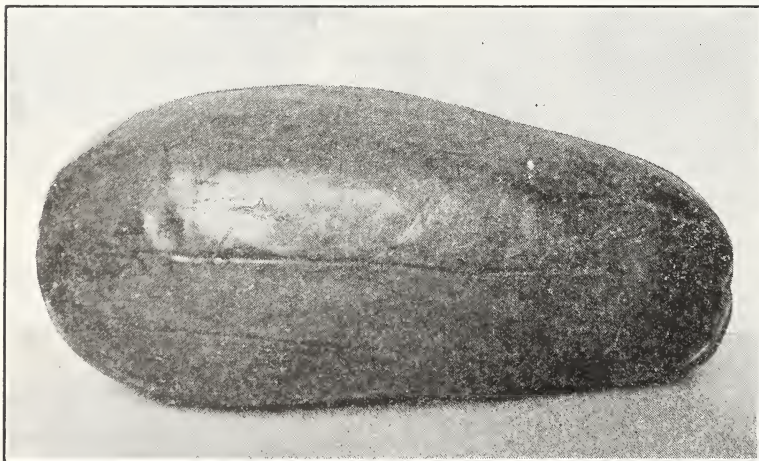


271½. **TOM WATSON.** The most popular shipping melon, with tough, elastic, dark green rind. It is long and cylindrical, averaging 20 inches in length and 10 inches in diameter. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$3.60, postpaid.



Halbert Honey.

273. **★HALBERT HONEY.** An excellent, medium early melon for home use. In flavor, color and texture, similar to Kleckley's Sweet. Medium to large in size, oblong in shape; color, dark green, lightly laced with fine veins; flesh, sweet and brittle; too thin a rind for shipping but desirable for the garden. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.40; 5 lbs., \$6.00, postpaid.



Kleckley's Sweet.

270. **★KLECKLEY'S SWEET.** (Monte Cristo.) Our best seller of the whole list of watermelons. A fine, well known, medium early variety. It is a medium sized, dark green melon, often growing 20 inches long, with bright red flesh, ripening nearly to the rind. It is solid, crisp and melting; rind thin; flavor, very sweet and pleasing. A wonderfully satisfactory variety for home gardens and nearby markets but not a good shipper because too brittle. Plant some Kleckley's Sweet in your garden if you want something extra fine. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.40; 5 lbs., \$5.75, postpaid.

Sweetheart.

261. **SWEETHEART.** One of the most popular and one of the very best. A large oval melon, medium early in season. Remains in condition for use longer than any other except the Winter Melon. The flesh is bright red, solid and sweet. Rind thin but tough and elastic, making it a good shipper. A very popular variety. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.25, postpaid.



264. **★OLDS' SWEETEST AND EARLIEST.** Our new watermelon, illustrated and described on page 30. A combination of earliness and sweetness. Everybody should try it. The size is just about right for a home melon, 10 to 15 pounds; flesh bright scarlet red, fine and sweet and free from stringiness. A great yielder, with a hardy, vigorous plant. White seeds, mottled skin. A cross of Mountain Sweet and Cole's Early, combining the best qualities of both. This should commend it to everyone. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.

263. **FORDHOOK EARLY.** An extremely early variety and the earliest in fact of all large melons. Perhaps no other variety is so well adapted to the home garden, for it may be planted in hills as close as 6 feet each way. Its value to the home gardener in the north is largely in its earliness. The melons are of good size and nearly round; the skin is dark green with occasional stripes of lighter green. The rind is thin; flesh, bright red, crisp, and remarkably sweet. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$4.00, postpaid.

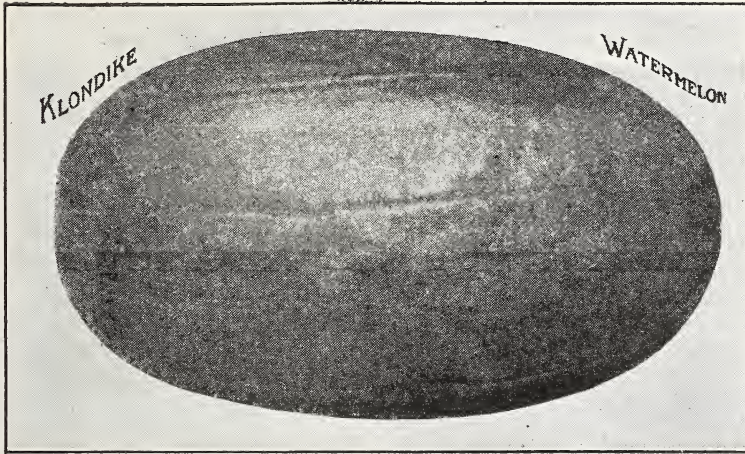
GARDEN TOOLS

Look over our list of Tools, pages 88, 89 and 90. We have the best garden drills, wheel hoes, hand cultivators, fertilizer distributors, garden hoes, rakes, planters, trowels, etc. Pick out what you need and have them shipped with your seeds.

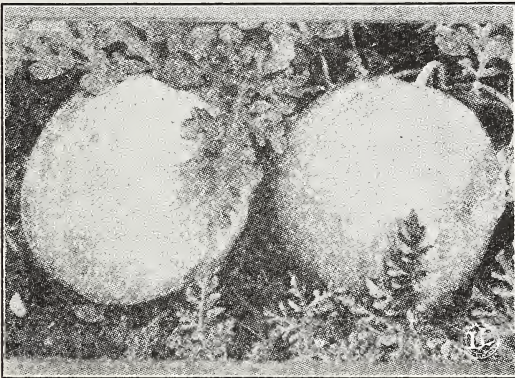
INSECTICIDES AND FUNGICIDES.

You will find a complete list of Insecticides and Fungicides on page 93 of this catalog. Order what you need to come with your seeds.

OLDS' WATERMELONS



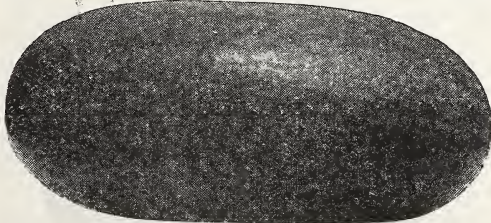
270½. **★KLONDIKE.** One of the best early melons and perhaps the very sweetest of all melons. The rind is dark green; shape long; very symmetrical; flesh a distinctive shade of red. It is very sweet, crisp and tender, ripens very early and so is adapted to northern states. It is also a heavy yielder. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.



Olds' Winter Melon.



276½. **OLDS' WINTER.** This melon is early, very prolific, almost round and in color, light green. The flesh is red, sweet and almost as hard as a citron. If properly stored will keep for months. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.50; 5 lbs., \$6.00.



Irish Grey.

268. **IRISH GREY.** A long, rather large melon, light green in color and of fine table quality. The flesh is deep red, crisp and sweet and without a hard center. Besides being a fine garden melon, it is equal to Tom Watson as a shipper. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

QUALITY IN SEEDS.

When you buy seeds you want the best. You want not only seeds that will grow but seeds that will produce. We have that kind. Try us and see. Thousands of customers have done just that and they stay with us.

272½. **GOLDEN HONEY.** The flesh is a beautiful glistening amber-yellow, very tender with a most delicious flavor. It is medium early, of uniform large size, oblong shape and of handsome appearance. The skin is green with irregular stripes of darker green. No hard core or stringy sections. Pkt., 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

275. **CITRON.** Colorado Preserving. Perfectly round, striped alternately dark and light green, not edible raw, but excellent for preserves. The flesh is white and hard and the vines very productive. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.00, postpaid.

OLDS' VEGETABLE NOVELTIES

Do not overlook our Vegetable Novelties and Specialties offered on pages 29 and 30. These are all varieties of outstanding merit.

"We have used your seeds about seventeen years and have always been well satisfied."

Mrs. J. C. Reetz, Michigan.

267. **★ICE CREAM or PEERLESS.** A well-known old favorite and a standard home melon. Extra early, of medium size, short oblong in form; rind thin, light green in color, mottled and veined with a darker shade; bright scarlet flesh, wonderfully sweet and delicious; seeds white. Ice Cream is an old variety but as good as ever and very hard to beat. It is certainly very highly regarded by thousands of home gardeners all over the North. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.00, postpaid.



Cole's Early.

262. **★COLE'S EARLY.** Another home melon that is wonderfully popular all over the North. Our second largest seller. One of the earliest of all melons and one of the best. It is medium in size, nearly round in shape, dark green in color, striped a lighter shade. The flesh is deep pink, rather a darker shade than some others, of excellent quality, firm and delicious. Seeds black. Nothing surer than this variety for hard situations in Northern latitudes. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.00, postpaid.

OLDS' DOLLAR COLLECTION.

Big packets filled with freshly tested high quality seeds of the varieties that grow easiest and yield best in the Home Garden. Thirty full size packets, worth \$2.25, for \$1.00.

PLEASE NOTE. We put up these collections early in the winter before our rush season starts and it is for this reason we are able to offer them at such a low price. Do not ask us to make any variety changes.

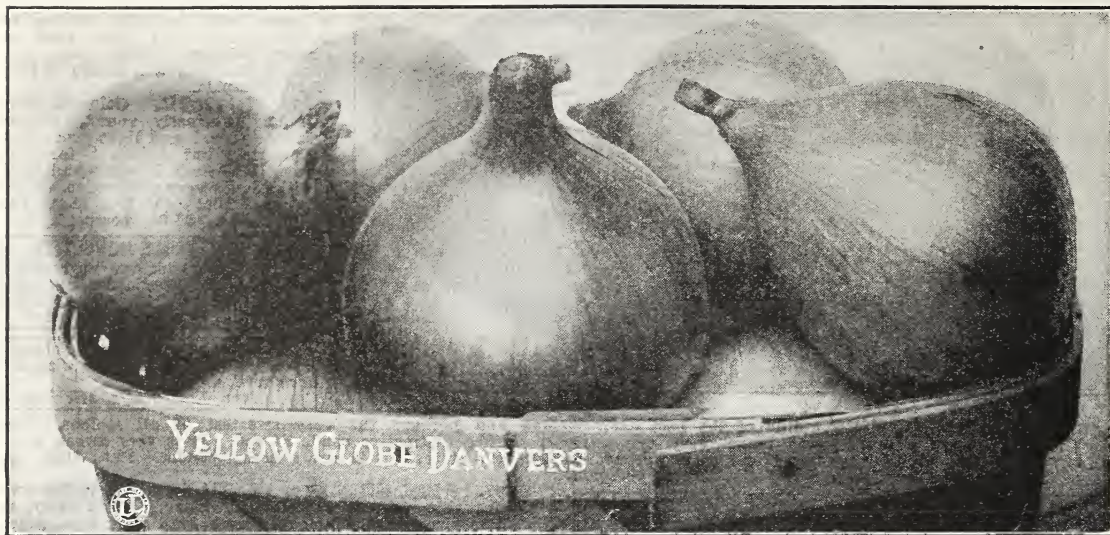
"I will be glad to recommend your Seed Company, as I have dealt with you for the last 15 years and never received any other than a square deal and in many cases better articles than I expected."

—H. R. Martin, Illinois.

OLDS' ONIONS

CULTURE. Onions do best in a deep rich loam, well manured and worked into a fine seed bed. As early as possible, sow thinly in drills about $\frac{1}{4}$ inch deep, 1 foot apart; press the soil down firmly; thin to about 3 or 4 inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing.

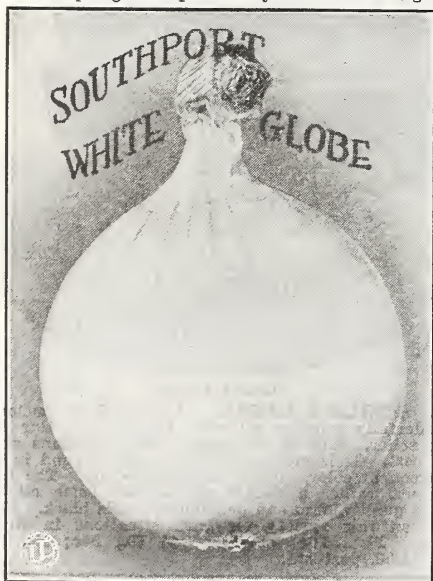
A packet of seed will plant from 25 to 30 feet of drill; one ounce will plant 200 feet; 4 pounds an acre.



285. ★OLDS' YELLOW GLOBE DANVERS. Olds' Yellow Globe Danvers is a solid onion of almost true globe shape, averaging three inches through. In color the bulbs are a rich satiny yellow. The snow white flesh cuts hard and crisp yet it is always sweet and tender. Not quite as mild as the Spanish onions when sliced raw but for cooking or flavoring, one of the very best. It is the earliest good market variety, slender necked, and ripening up all at one time. A sure cropper and a good keeper, the onions coming out dry and hard in the spring with practically no loss in weight. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.25; 5 lbs., \$9.00, postpaid.

291. SOUTHPORT RED GLOBE. In the commercial growing districts of America, the Southport type of Globe Onions is more extensively grown than others and because of their fine form, good color and excellent keeping qualities they command better prices. Southport Red Globe is a large, handsome, dark red onion with small neck, small top and of mild flavor. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.25; 5 lbs., \$9.00, postpaid.

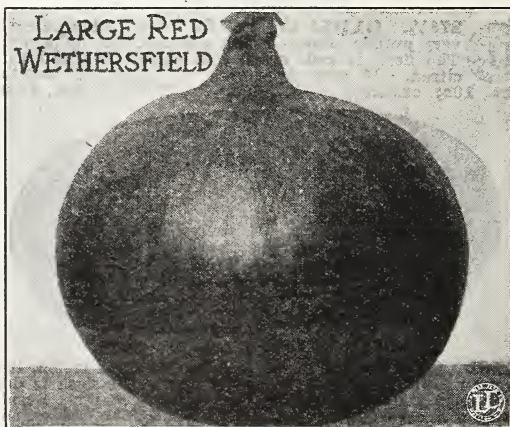
290. SOUTHPORT YELLOW GLOBE. A globe shaped onion of fine golden yellow color, growing somewhat larger and maturing a little later than the Yellow Globe Danvers. The flesh is hard and compact yet brittle and crisp. Largely grown as a market onion and most profitable. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.25.



292. SOUTHPORT WHITE GLOBE. A handsome onion with a pure delicate paper white skin. Flesh crisp, fine-grained, snowy white and mild; globe shaped and a good keeper for a white kind. Most retail customers prefer a white onion and we consider this as unquestionably the best white market variety. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00; 5 lbs., \$14.00, postpaid.

283. CRYSTAL WAX. A Bermuda onion. One of the most attractive varieties. It is large, pure white, very early, mild in flavor; in fact can be eaten like an apple. Can be grown under northern conditions and is very fine for slicing. Pkt., 15c; oz., 55c; $\frac{1}{4}$ lb., \$1.65; lb., \$5.00.

TREAT YOUR ONION SEED WITH SEMESAN.



287. OLDS' EXTRA LARGE RED WETHERSFIELD. Red Wethersfield is a fine old American variety, originated long before the Civil War near the town of Wethersfield, Connecticut. The onions are a flattened globe in shape with long slender tops and dark crimson skin. They grow to a large size and yield big crops even under unsatisfactory growing conditions. We have a strain selected for extra large type. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.00; 5 lbs., \$8.00.

Premiums for Early Orders

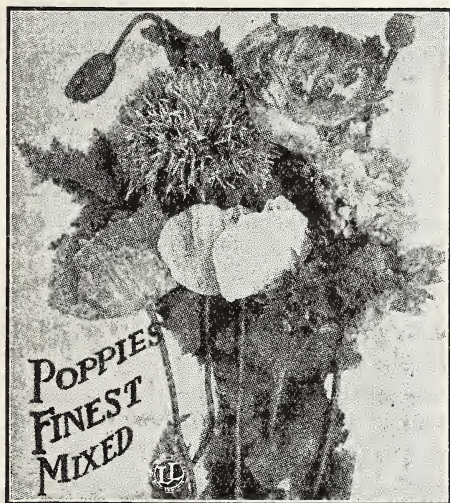
FREE FLOWER SEEDS



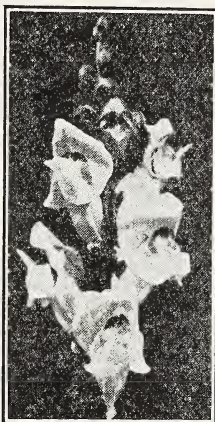
926½. Cosmos—Extra Early Colossal.



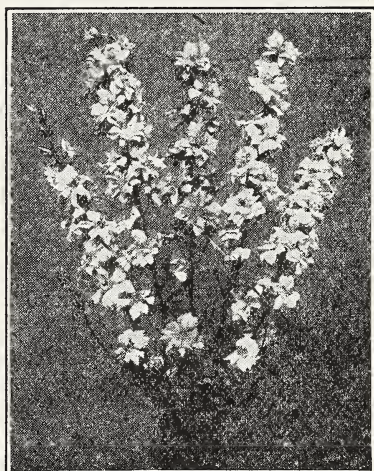
901. Yellow Marguerite Carnation.



1120. Poppy, Olds' Finest Mixed.



840. Snapdragon.



1015. Fine Mixed Larkspur.

EARLY ORDER FLOWER SEED COLLECTION

The above five easily grown and free flowering annuals we call our "Early Order Flower Seed Collection." This collection consists of five regular packets, total value 55 cents. See flower seed pages of the catalog for descriptions.

OFFER NUMBER 1. On request, with every order reaching us before March first, amounting to \$2.00, we will include absolutely free one "Early Order Flower Seed Collection."

OFFER NUMBER 2. On request, with every order reaching us before March first, amounting to \$4.00 or more, we will include absolutely free one "Early Order Flower Seed Collection" and also allow you to select five 10-cent packets of flower seeds from our catalog, your own choice. Just add them to your regular order as "Premium Seeds."

Both the above liberal offers apply to orders for anything in the catalog, Field Seeds as well as Garden Seeds. We make these offers first, because we have more time for filling orders that come early, second, because we are crowded for room and early shipments help us out and third, because we can use the money to good advantage. The offers expire promptly Feb. 28, 1930.

L. L. OLDS SEED CO., Madison, Wis.

(See other side)

OLDS' FROST PROOF CABBAGE PLANTS

See Page 37 of Catalog



FROST PROOF CABBAGE PLANTS

There are a number of islands off the South Carolina Coast, where the soil and climatic conditions are suited for growing hardy cabbage plants for early spring planting. **THESE PLANTS WILL MATURE HEADS 10 DAYS TO THREE WEEKS SOONER THAN IS POSSIBLE FROM NORTHERN-GROWN HOT-BED PLANTS**—this is a decided advantage. The crop can be matured and marketed before the crop from the home-grown plants is ready. To get the advantage of these frost-proof plants, they must be planted six weeks earlier than home-grown plants. These plants can stand a temperature from 8 to 10 degrees above zero and orders can be filled any time after the middle of January until May 15th.

VARIETIES. Early Jersey Wakefield, Charleston Wakefield, Succession and Early Flat Dutch. Plants are packed for parcel post shipment 100, 200, 300, 400, 500, or 1,000 plants to package. For express shipment 1,000 or 2,000 plants to package. Order in these quantities. We pack only one variety to a package. We guarantee good order delivery on parcel post shipments. Shipments by express, at purchaser's risk. The plants will probably arrive in a wilted condition. This does not hurt them, for after planting, they make a slow but steady growth. After May 15th, can furnish home-grown plants only.

Prices: 100 to 400 plants at 50c per 100; 500 plants, \$1.60; 1,000 or more plants at \$3.00 per 1,000, postpaid. By express: 1,000 to 4,000 plants at \$2.00 per 1,000; 5,000 or more plants at \$1.50 per 1,000. (No orders filled for less than 100 plants of a kind.)

HOME GROWN CABBAGE PLANTS.

We grow these plants ourselves. Ready early in May. Can supply Early Jersey Wakefield, Golden Acre, Copenhagen Market and Danish Ballhead.

Prices of all: Doz., 25c; 50 for 65c; 100 for \$1.50; 500 for \$6.00, postpaid.

OLDS' SPECIAL RHUBARB ROOT OFFER 6 for 50c postpaid



Large Victoria Rhubarb.

On our own farm here at Madison we have a large supply of two-year-old fancy Victoria Rhubarb roots and while they last we are making this special price of 6 for 50c postpaid. This price is about half the usual price asked for these roots. These are grown on peat soil and are the finest roots we have seen in a long time.

Every garden, no matter how small, has a place for a few roots of Rhubarb. The fresh fruit early in the spring is a welcome treat. In recent years it has become more and more in demand. The large Victoria Rhubarb will give big, tender, juicy stalks soon after planting. Do not cut too heavily the first year. The following year they should produce twenty to thirty stalks to the plant, fifteen to twenty inches long.

We make a specialty of growing these roots and we are sure that you will be more than pleased with them. Let us have your order early to be shipped as soon as the plants are ready in the spring. We can book orders only as long as our supply lasts. Remember, only 50 cents for 6 roots, postpaid!

(See Other Side.)

OLDS' ONIONS



SPANISH TYPE ONIONS

The mildest, finest flavored and largest onions belong to this class. They require a little longer growing season than do the American sorts and they are not quite as good keepers. We do not recommend planting them in Northern Wisconsin and similar latitudes. In the central and southern parts of this state, however, they do very well.

297. OLDS' PRIZETAKER. The Prizetaker might almost be called an American onion for it is the result of selection in this country since 1887, the original seed coming from Spain. Bright straw yellow in color and a good globe shape. It grows about three times as large as the Danvers, individual onions sometimes weighing four pounds and over. Very mild sweet flavor and a fair keeper, ripening evenly. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25; 5 lbs., \$9.00, postpaid.

288. AILSA CRAIG. An English strain of Spanish onion, much like the Prizetaker, but a considerably better keeper. A fine salad kind, mildly pungent, sweet and juicy. Yellow skin. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.50; 5 lbs., \$10.00, postpaid.

297½. GIGANTIC GIBRALTER. The largest, mildest and sweetest of all onions. Creamy straw-colored bulbs, excellent for slicing, never strong, but brittle, juicy and with a very pleasant flavor. Late in season. Will give a better crop in a dry year than any other onion we list. In size it is the largest of all. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.20; 5 lbs., \$9.00, postpaid.

OTHER GOOD AMERICAN ONIONS

300. OLDS' SELECT OHIO YELLOW GLOBE. A selection from the Yellow Globe Danvers made by onion growers in Lake County, Ohio. A highly bred variety and especially valuable on muck or peat lands and on very rich high-ground soils. Rather deeper globe shape than the Danvers. Pkt., 5c; oz., 20c; ¼ lb., 70c; lb., \$2.15; 5 lbs., \$8.75, postpaid.

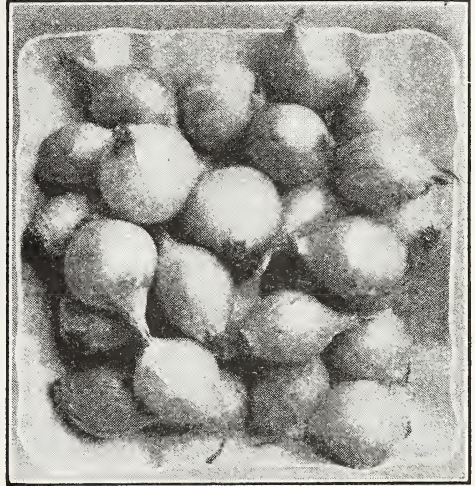
299. AUSTRALIAN BROWN. Without any exception the most solid and longest keeping onion grown. In season it is one of the earliest and will ripen anywhere. It is often used for replanting when first sowings have been injured by weather conditions. Its extreme solidity is shown by the fact that a measured bushel will weigh several pounds more than the standard legal weight for a bushel of onions. It is an ideal variety for shipping or storing. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., 6.50, postpaid.

303. OLDS' WHITE QUEEN. A very hardy perennial variety of onion, used for bunching and pickling. It is perfectly hardy and requires no mulching. Sow in early fall for early spring onions. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.00, postpaid.

293. WHITE PORTUGAL. (Silver Skin.) A handsome early onion with silvery white skin. Grows about as large in diameter as the Southport Globes but flat. It is fairly mild, very tender and a good keeper for a white kind. The finest small white sets are grown from this variety, when the seed is sown thickly in the row. Pkt., 10c; oz., 25c; ¼ lb., 90c; lb., \$2.75; 5 lbs., \$11.00, postpaid.

OLDS' ONION SETS

We offer choice, dry, select Onion Sets, the best to be had. Bottom sets should be planted very early in the spring, the earlier the better. A pound will plant a row 20 feet long, two to three inches apart in the row. Egyptian or Winter Sets should be planted in the fall.



Yellow Bottom Onion Sets.

YELLOW BOTTOM SETS: Lb., 30c; 4 lbs., 90c, postpaid. By express: 10 lbs., \$1.25; bu. (32 lbs.), \$3.50.

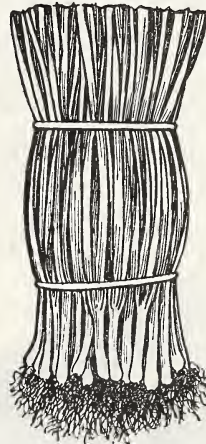
RED BOTTOM SETS: Lb., 30c; 4 lbs., 90c, postpaid. By express: 10 lbs., \$1.25; bu. (32 lbs.), \$3.50.

WHITE BOTTOM SETS: Lb., 35c; 4 lbs., \$1.10, postpaid. By express: 10 lbs., \$1.40; bu. (32 lbs.), \$4.00.

EGYPTIAN or WINTER SETS, for fall delivery only: Lb., 30c; 2 lbs., 55c; 4 lbs., \$1.00, postpaid. By express: 10 lbs., \$1.40; bu. (28 lbs.), \$4.00.

Bushel Prices of Onion Sets are subject to change after Feb. 1st. Write for prices.

FROST PROOF ONION PLANTS



Southern Grown Frost Proof Onion Plants have been giving satisfactory results for some years and are well out of the experimental class. They are grown by experts and properly packed so that they will reach the customers in good condition. The seed is planted in the fall, they grow out of doors during the winter so they are hardy and are ready to be planted early.

One thing sure, you will have to hand weed your onion patch at least once during the season if you plant seed. If you use plants, either of your own growing or our southern grown, you can cultivate and keep ahead of the weeds. The varieties we offer are, Crystal White Wax and Yellow Bermuda.

Prices: 100, 30c; 200, 55c; 500, \$1.25; 1,000, \$2.25; 2,000, \$4.00, postpaid. Not prepaid, crate of 6,000, \$6.00.

CHIVES.

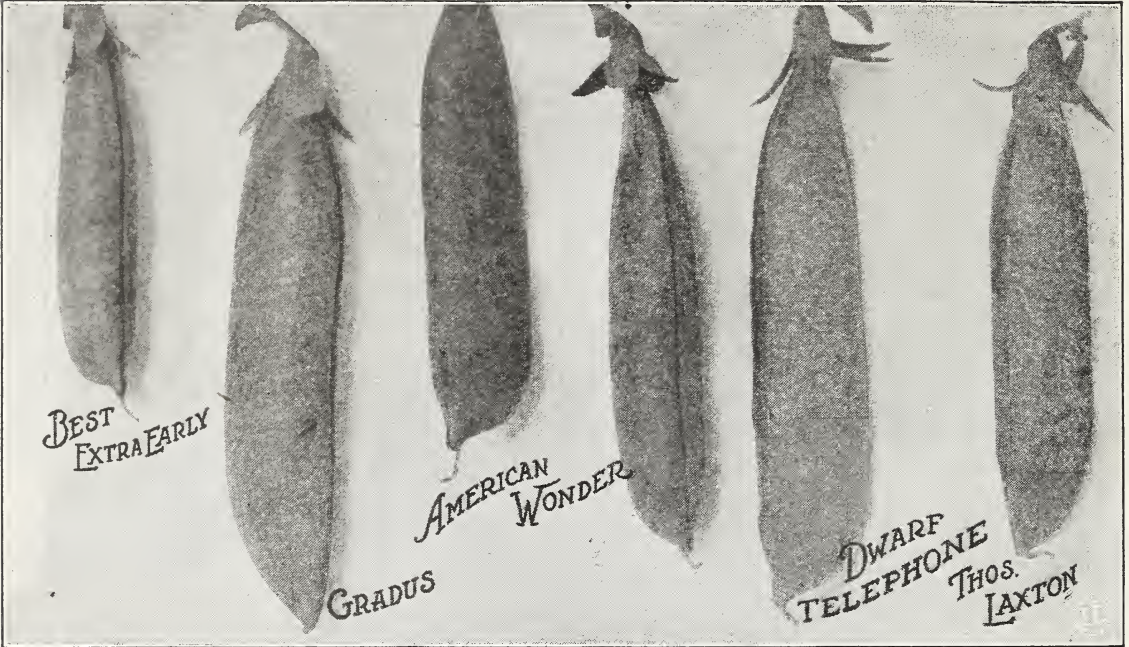
279. Chives belong in the perennial class. Plant the seed the same as onions, but transplant later, leaving about six to eight inches between plants. Seed: Pkt., 10c; oz., 25c. Strong Plants: 3 for 50c; 12 for \$1.50.

GARLIC.

Garlic comes in bulbs only, which should be separated and planted the same as onion sets and cultivated in the same way. Bulbs, ¼ lb., 25c; lb., 60c, postpaid.

OLDS' GARDEN PEAS

One pound will plant 75 to 100 feet. We recommend planting at least a half pound of a variety. An acre requires 90 to 120 pounds. Those marked thus (*) are wrinkled varieties and are sweeter than the smooth varieties. 25 pounds or more, any variety of peas at the 100 pound rate.



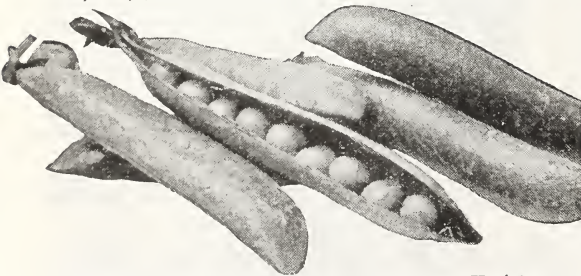
320½. ★OLDS' BEST EXTRA EARLY. An extra early round-seeded variety, largely grown for the early market. 75% to 80% of the pods may be gathered at the first picking. Large pkt. (2 ozs.), 10c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid. Not prepaid, 100 lbs., \$15.00.

324. ★GRADUS. (Prosperity.) This pea is nearly as early as the small, smooth, extra early varieties and the pods are much larger. The vine grows to a height of about 30 inches. Pods measure 4 inches or more in length, each containing 8 or 10 sweet and fine flavored peas. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.40, postpaid. Not prepaid, 100 lbs., \$18.00.

330. ★AMERICAN WONDER. The dwarfest of all peas, vines growing only about 10 inches high. It is also one of the very earliest, the peas often being ready for use within seven weeks from planting. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.40, postpaid. Not prepaid, 100 lbs., \$18.00.

335. ★OLDS' DWARF TELEPHONE. (Carter's Daisy.) A cross of Stratagem and Telephone, growing about 18 inches high, but requiring no support. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c, postpaid. Not prepaid, 100 lbs., \$18.00.

334. ★THOMAS LAXTON. In earliness only two or three days behind Alaska, and in yield and quality far superior. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c, postpaid. Not prepaid, 100 lbs., \$18.00.



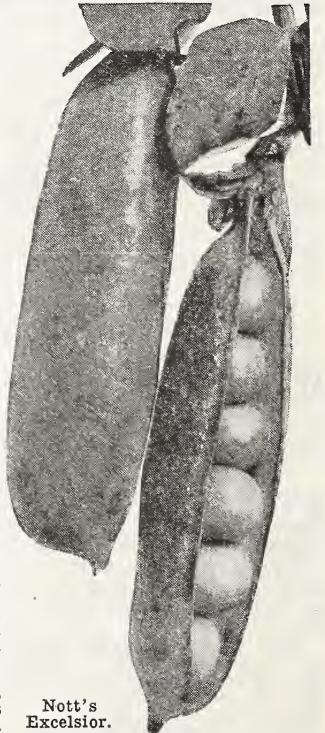
Improved Telephone, Most Famous Market Variety.

322. ★IMPROVED TELEPHONE. Vines, 4 feet high; pods, dark green, 3½ to 4 inches long, containing from 5 to 10 peas each. The leading variety among market gardeners. Comes into bearing in about 65 days. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.35, postpaid. Not prepaid, 100 lbs., \$18.00.

336. ★LAXTON'S. PROGRESS. The newest in peas. See page 30 for complete description and illustration. This will prove an ideal variety for the home garden where a large-podded pea is wanted. Grows 18 inches high. Very vigorous and productive. Pods 4 to 5 inches long, 8 to 10 peas in a pod. Of sweetest flavor. We recommend this new pea. Large pkt., 15c; ½ lb., 30c; lb., 50c; 2 lbs., 90c; 5 lbs., \$2.00, postpaid.

See other "Vegetable Novelties and Specialties." Pages 29 and 30.

325. ★NOTT'S EXCELSIOR. Height 15 inches. One of the most popular peas in cultivation. It is as early as American Wonder, as sweet as Little Gem and outyields both of them. The vines are vigorous in growth, the pods large and square at the ends, and the flavor delicious. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.40, postpaid. Not prepaid, 100 lbs., \$18.00.

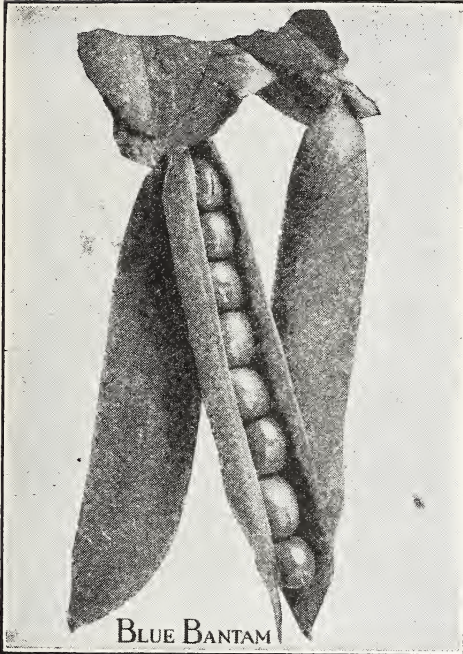


Nott's Excelsior.

333. ★OLDS' ENGLISH WONDER. This new, dwarf, second-early variety is the sweetest pea we know of. The pods are produced in abundance and are well filled with large, dark-green peas. Proving very popular. Large pkt. (2 ozs.), 10c; ½ lb., 25c; lb., 40c; 2 lbs., 70c; postpaid. Not prepaid, 100 lbs., \$19.00.

OLDS' GARDEN PEAS

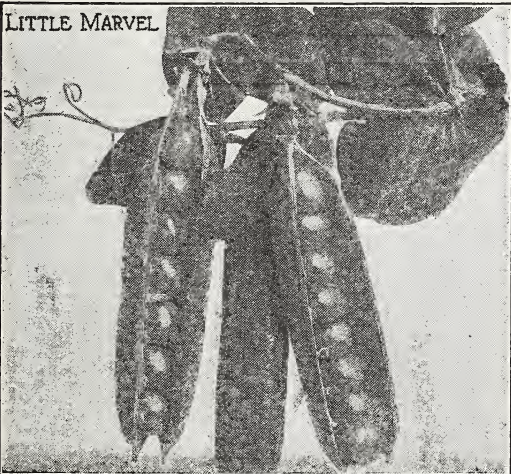
25 pounds or more any variety of peas furnished at the hundred pound rate.



BLUE BANTAM

32 1/2. ★**BLUE BANTAM OR GIANT LAXTON-IAN.*** A new large-podded, dwarf wrinkled pea. Unequaled for its combination of extreme earliness, superb quality, and unusual productiveness. The dwarf vigorous vines average 15 inches in height and carry really enormous crops of large pods. Pkt., 10c; 1/2 lb., 25c; lb., 45c; 2 lbs., 80c, postpaid. Not prepaid, 100 lbs., \$22.00.

LITTLE MARVEL



339. ★**LITTLE MARVEL.*** A dwarf early pea of unusual value. The vines average 15 inches in height and the pods 3 inches or more in length. Pods contain 6 to 7 large, dark green peas, sweet and delicious. They produce a larger pod and a heavier crop than other extra early, with the exception of the new Progress. Large pkt. (2 ozs.), 10c; 1/2 lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.40, postpaid. Not prepaid, 100 lbs., \$20.00.

333 1/2. **ALDERMAN.*** One of the best of the early main crop peas of the Telephone type. Pods 5 inches in length. Large pkt. (2 ozs.), 10c; 1/2 lb., 25c; lb., 40c; 2 lbs., 70c, postpaid. Not prepaid, 100 lbs., \$18.00.



Extra Early
Premium Gem.

329. **EXTRA EARLY PREMIUM OR LITTLE GEM.*** Probably the most popular of all peas for the home garden. The vines grow to about 15 inches in height. The variety is very productive and the peas of fine flavor. Considered by many the sweetest of all early peas. Large pkt. (2 ozs.), 10c; 1/2 lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.40, postpaid. Not prepaid, 100 lbs., \$18.00.

THREE PEAS FOR SUCCESSION

The following three varieties are splendid for a succession in the home garden. Plant these three all at one time and it will give you peas over quite a long period. Collection prices: 1 pkt. of each, 20c; 1/2 lb. of each, 50c; 1 lb. of each, 90c, postpaid.

320. **SURPRISE OR ECLIPSE.*** One of the earliest wrinkled peas. Pods of good size and well filled with tender, sweet peas. Large pkt., 10c; 1/2 lb., 25c; lb., 35c; 2 lbs., 60c, postpaid. Not prepaid, 100 lbs., \$18.00.

333. ★**OLDS' ENGLISH WONDER.*** This new, dwarf, second-early variety is the sweetest pea we know of. The pods are produced in abundance and are well filled with large, dark-green peas. Proving very popular. Large pkt. (2 ozs.), 10c; 1/2 lb., 25c; lb., 40c; 2 lbs., 70c, postpaid. Not prepaid, 100 lbs., \$19.00.

326. **IMPROVED STRATAGEM.** The best of all the large podded, late peas. The foliage is large, and the vines about 20 inches tall, strong and robust, requiring no support. It is very prolific, bearing many very large, well-filled pods containing large dark-green wrinkled peas of excellent quality. Pkt., 10c; 1/2 lb., 25c; lb., 40c; 2 lbs., 70c, postpaid. Not prepaid, 100 lbs., \$18.00.

327. **CHAMPION OF ENGLAND.*** A very sweet pea. A standard main crop variety. Large pkt. (2 ozs.), 5c; 1/2 lb., 15c; lb., 25c; 2 lbs., 45c, postpaid. Not prepaid, 100 lbs., \$17.00.

341. **MAMMOTH LUSCIOUS SUGAR.** Eaten pod and all, like String Beans. Pods are stringless. Large pkt. (2 ozs.), 10c; 1/2 lb., 25c; lb., 40c; 2 lbs., 70c, postpaid. Not prepaid, 100 lbs., \$20.00.



FOR GARDEN PEAS, BEANS AND SWEET PEAS. Means you will get a more robust vine, a heavier crop and make this legume enrich the soil in which it is used. Not an expense, but a necessary investment for the best results. Price, Garden Size, 27c, postpaid. Not prepaid, 25c.

PEPPER

Sow early, in the house or in hot beds and transplant later when the ground is warm. Each packet will produce about 150 plants. An ounce, 1,500 plants.



Harris' Early Giant Pepper.

353. HARRIS' EARLY GIANT. The earliest and most prolific of all the large peppers. The plant is dwarf, of compact growth, 10 inches to 2 feet tall and covered with enormous peppers. One grower reports that he picked 45 and filled a bushel crate.

The peppers average 5 inches in length and $3\frac{1}{2}$ inches in diameter. Color is a deep green turning to bright red. Flesh thick and of a very sweet and pleasant flavor. Do not fail to try this variety. Pkt., 15c; $\frac{1}{2}$ oz., 40c; oz., 75c; $\frac{1}{4}$ lb., \$2.25; lb., \$7.00, postpaid.

352. GOLDEN QUEEN. The largest and sweetest pepper, often eight or nine inches long and 4 to 5 inches thick; sometimes as many as 20 large yellow peppers are produced on a single plant. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.65; lb., \$5.00, postpaid.

355 $\frac{1}{2}$. RED CHILI. A rather late variety, with peppers about $\frac{1}{2}$ inch or less in diameter, tapering to a point; about 2 inches long. Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.15; lb., \$3.50, postpaid.

356 $\frac{1}{2}$. PIMIENTO. This variety is used not only for salads and mangoes, but by canners. The flesh is very thick, mild and sweet, and color a glossy red when ripe. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.15; lb., \$3.50, postpaid.

358 $\frac{1}{2}$. HOT VARIETIES MIXED. Including Chili, Cayenne, Tobacco and others. As "hot as fire." Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00, postpaid.

PEPPER PLANTS

HARRIS' EARLY GIANT AND RUBY KING. Ready about May 15th. Doz., 40c; 50 for \$1.25, postpaid.



Ruby King Pepper.

350. ★RUBY KING. One of the most popular varieties and satisfactory for both home and market garden. It grows $4\frac{1}{2}$ to 6 inches long, and $3\frac{1}{2}$ to 4 inches thick. The peppers are green to bright red, flesh thick, sweet and mild. Among the best for pickles. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.30; lb., \$4.00, postpaid.

351. BELL OR BULL NOSE. A standard early variety. Has a vigorous plant growing two feet high. The peppers are large with thick, mild, sweet flesh of excellent quality. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.20; lb., \$3.50, postpaid.

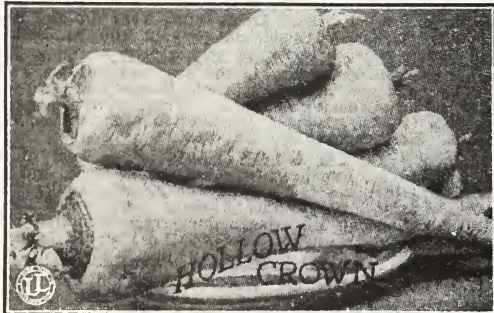
356. ★HARRIS' EARLIEST. Earliest of all. This fine new pepper is especially recommended for its earliness. Also for its productiveness. It is not however a large variety. Small fruits borne in clusters and very mild and sweet. Pkt., 10c; oz., 65c; $\frac{1}{4}$ lb., \$1.90; lb., \$6.00.

354. ★CHINESE GIANT. One of the very best and largest mango peppers. Its great size, fine shape, and beautiful, glossy red color and mild flavor all recommend it. It is very productive. Pkt., 15c; oz., 70c; $\frac{1}{4}$ lb., \$2.00; lb., \$6.00, postpaid.

PARSNIP

Sow as early in the spring as possible, in drills 15 inches apart, covering half an inch deep. When well up, thin to 5 or 6 inches apart in the row.

Each packet contains enough seed to sow 25 feet of drill. One ounce 200 feet of drill. Six pounds one acre.

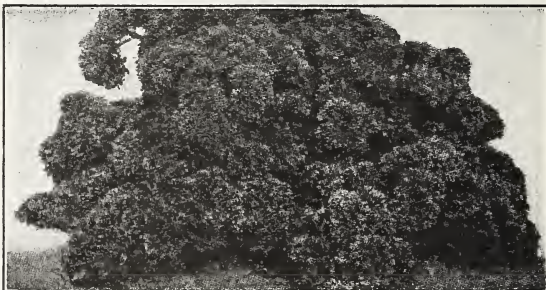


310. ★IMPROVED GUERNSEY. A much better variety than its parent, the Hollow Crown; it is more of a half-long in shape, being thicker and shorter, and more easily pulled. It is a very heavy yielder; roots, smooth; flesh, fine-grained and of excellent flavor. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

311. HOLLOW CROWN. The old standard parsnip, long rooted, sweet flavored and desirable. Excellent, also, for stock feed. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

PARSLEY

One packet of Parsley will seed 40 feet. Sow early in the spring, soaking the seed before sowing as germination is slow.



Champion Moss Curled Parsley.

305. CHAMPION MOSS CURLED. A very fine variety. The vigorous, compact plants grow very fast, producing fresh and tender, bright green leaves, so curled and crumpled that they have the appearance of curled moss. Besides its use as a vegetable, it is a handsome border plant and may be grown in pots or window boxes for its beautiful foliage. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

309. HAMBURG (Turnip Rooted). The edible root of this variety resembles in color and shape a small parsnip. These may be stored in the cellar for winter use. The leaves are similar to plain parsley. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

PUMPKIN

Our seed is from pumpkins grown for seed purposes. Each packet contains $\frac{1}{4}$ oz. of seed, sufficient for 8 or 10 hills. Three to four pounds will plant an acre alone; one pound an acre with corn. Farmers should grow more pumpkins for a cheap feed.

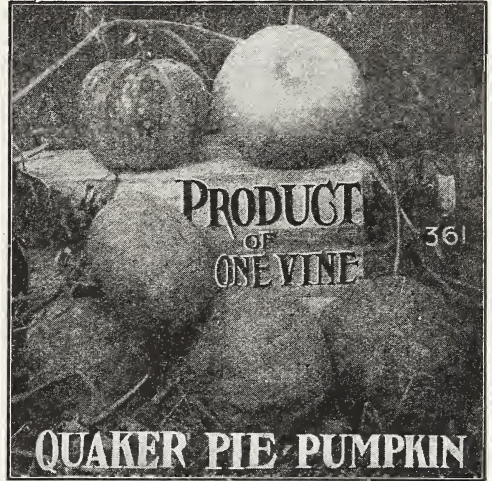


Connecticut Field Pumpkin.

362. ★LARGE CONNECTICUT YELLOW FIELD. The standard field pumpkin. A large round or slightly oval pumpkin. Skin reddish-orange, with rich orange-colored flesh. Extensively grown for stock feeding, and usually planted with corn. Produces enormous crops in about 65 days. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 65c; 5 lbs., \$2.50, postpaid. Not prepaid: 10 lbs. or more at 40c.

363. ★SMALL SUGAR. The famous New England Pie Pumpkin. A rather small round but flattened variety, fine grained and high in sugar content. It is a good yielder, and a good keeper. Color, deep orange-yellow. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00; 5 lbs., \$1.50, postpaid.

360. ★KING OF THE MAMMOTHS. This variety surpasses all others in size; specimens often weighing 200 pounds; yellow flesh. It is an immense yielder, a splendid keeper and a valuable stock variety. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.



361. ★QUAKER PIE. A distinct and very prolific variety, nearly round, somewhat inclining to pear shape, and of a creamy white both inside and out; the flesh is fine grained and rich in flavor; a good keeper and among the best for pies. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

364. WINTER LUXURY. A splendid pie pumpkin, small, round, about 10 inches in diameter; skin finely netted and a beautiful dark red color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

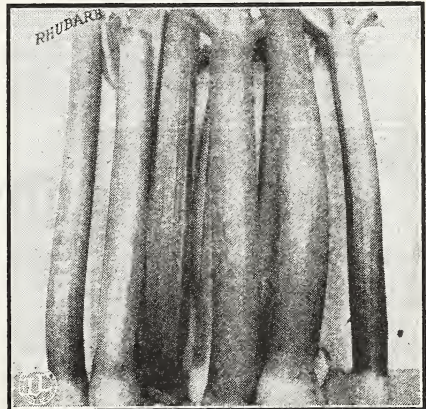
PEANUTS



Mammoth Virginia Peanuts.

315. MAMMOTH VIRGINIA. The largest, sweetest and heaviest yielding variety. The stems are erect and so more easily cultivated than the common spreading varieties. With ordinary weather, this variety will produce a crop of good peanuts in the latitude of Wisconsin. Plant on a south slope, in sandy soil if possible. Any boy or girl can grow peanuts in the north. Large pkt., 10c; $\frac{1}{4}$ lb., 15c; lb., 40c; 5 lbs., \$1.50, postpaid.

RHUBARB



395. LARGE VICTORIA. A popular variety. Rhubarb can be raised from seed very easily, but the stalks should not be used until the plants have had a full season's growth. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.30.

RHUBARB ROOTS—LARGE VICTORIA.

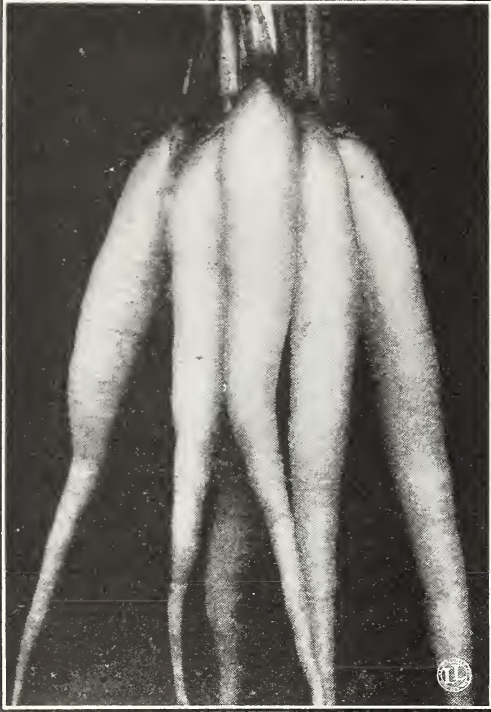
After the long winter months with their lack of fresh fruit, early spring Rhubarb is a most welcome treat. In sauce or pie it seems to have a more universal appeal than any other fruit of the year. Rhubarb is very easy to grow. We use whole roots for filling orders, and they are freshly dug. These will give big, tender, juicy stalks soon after planting. If grown on rich ground and if not used too freely the first season, they should later produce 20 to 30 stalks to a plant, 15 to 20 inches long.

We grow our own Rhubarb roots as well as Asparagus roots, making quite a specialty of them. You will like the roots we send you. Special prices: 6 for 50c; 12 for 90c, postpaid. Not prepaid: 25 for \$1.50; 100 for \$5.00.

HORSE RADISH ROOTS. 12 for 25c; 100 for \$1.25, postpaid. Not prepaid: 1,000 for \$7.00.

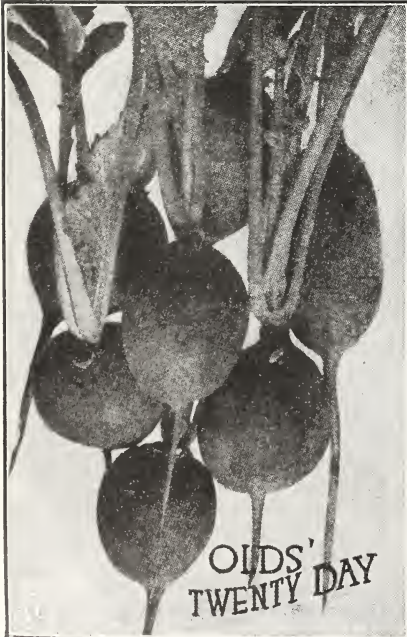
OLDS' RADISHES

Our radish seed is northern grown. Each packet contains enough seed to sow from 25 to 30 feet of drill; 10 to 12 pounds will sow one acre in drills. We especially recommend those marked with a star.



White Icicle.

385. **★WHITE ICICLE.** An old American variety, and by many considered the finest of all for table use. The roots attain a length of about 5½ inches, tapering regularly from near the shoulder to the tip. It keeps in condition a long time, and is crisp, mild and sweet. Color pure white. We again sold more seed of White Icicle last year than of any other radish. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.50, postpaid.



OLDS' TWENTY DAY



BRIGHTEST WHITE TIP



370½. **★OLDS' BRIGHTEST WHITE TIP.** (Sparkler.) A splendid selection of the Early Scarlet Turnip White Tipped Radish, but showing more white, practically the whole lower half being pure white, and the upper, bright scarlet. This contrast makes it especially attractive. Mild, crisp and sweet. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.50, postpaid.

371. **★OLDS' EARLY SCARLET TURNIP.** Scarlet Turnip is a splendid, early round, bright red radish; flesh white, crisp and tender. A great favorite both with market gardeners and home gardeners. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., 90c; 5 lbs., \$3.75, postpaid.

384. **CINCINNATI MARKET.** An improved strain of Long Scarlet. The tops are very small, so that they may be grown close together. It is a long red radish, growing straight and smooth, with crisp, mild flesh and pleasant flavor. One of the very best market varieties. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$3.75, postpaid.

394. **OLDS' MIXED RADISH.** An assortment of radishes may be easily grown together with pleasing results, affording the diner his choice of an interesting variety. He may choose long, olive or turnip-shaped, in white, red or rose. This mixture will furnish good radishes for a long season with only one planting. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50, postpaid.

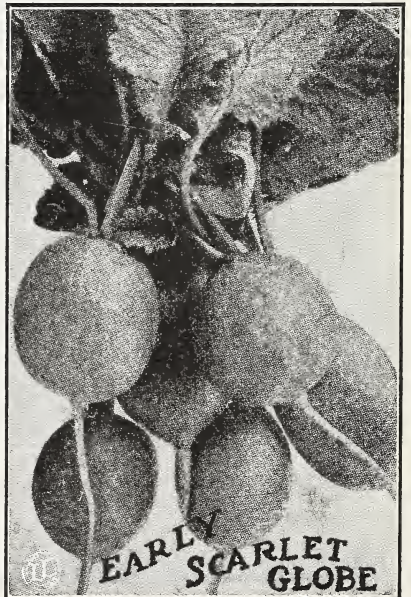


374. **★O L D S' TWENTY DAY.** An extra early, olive-shaped, deep scarlet radish. It is especially adapted for forcing and has been known to grow so rapidly as to make table size in twenty days from planting. It is also an excellent garden variety, flesh crisp and mild, attractive in appearance, and one of the very earliest of all radishes. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

377. **EARLY SCARLET GLOBE.** (Vick's.) One of the best all around radishes for early outdoor sowing. The skin is a bright scarlet; flesh, pure white, crisp, tender and of delicious quality. A very fine variety and a very popular radish. One of the largest sellers. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.10; 5 lbs., \$4.50, postpaid.

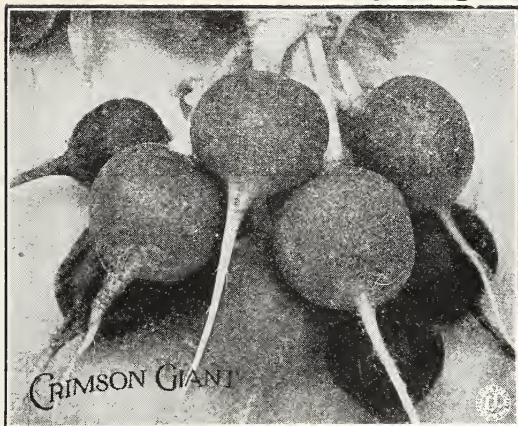
SEED POTATOES

Do not overlook our Seed Potatoes offered on pages 24 to 27. We have long made a specialty of choice dependable stock of the leading varieties.



EARLY SCARLET GLOBE

OLDS' RADISHES



376. **★CRIMSON GIANT.** This is a new extra large radish, often growing to double the size of the other early turnip-shaped varieties, while retaining its firmness and crispness longer than other earlies. It is quick growing, suitable for both forcing and out-door growing, developing roots of a handsome deep crimson, which vary in shape from round to oval. Flesh, pure white; flavor, mild. We highly recommend this radish. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.15; 5 lbs., \$4.75, postpaid.

DON'T FORGET THE ORNAMENTS.

Include some Flower Seeds, some Bulbs and some Plants with your order. Make your home attractive.

WINTER RADISHES. REGARDING WINTER RADISHES

There is an evident misunderstanding in regard to winter radishes which we would like to correct. Many people insist on planting winter radishes in the spring the same as other radishes. This will not do. They should not be planted until July or if the weather is very dry, better wait until August.

Winter radishes are good to eat as soon as they are large enough. The flavor is as good or better than spring radishes and they are much larger in size. For winter use, dig them and pack them in earth the same as parsnips, salsify, or celery.



China Rose Winter.

391. **CHINA ROSE WINTER.** Handsome, long, rose-colored, mild, sweet flavored, and of crisp, brittle texture. It is smooth and cylindrical in shape, and keeps well through fall and winter. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.20; 5 lbs., \$4.80, postpaid.

392. **LONG BLACK SPANISH.** One of the oldest but one of the best. The skin is black, and the flesh white and firm. Grows 8 or 9 inches long and 2 to 3 inches in diameter and thus is a great yielder. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.20; 5 lbs., \$4.80, postpaid.

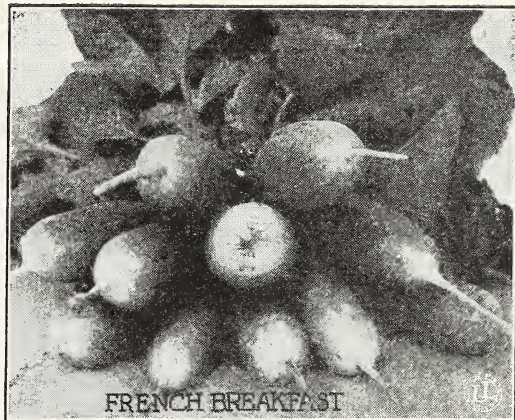
390. **NEW WHITE CHINESE.** (New Celestial). A large, half-long radish, which will keep in fine condition a long time. White and brittle. Excellent for market gardeners' use, on account of large size and handsome appearance. Can be sown any time from July 1st to August 15th. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

TREAT RADISH SEED WITH SEMESAN

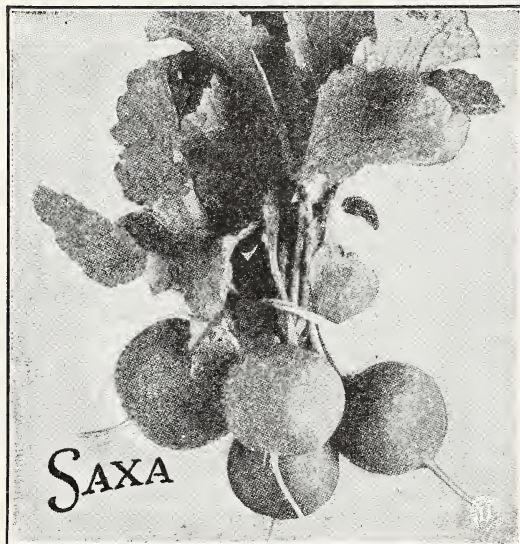
"From Semesan-treated French Breakfast radish seed, I had edible radishes on the 20th day. I never before had that variety short of 4 weeks."

(See page 47)

H. B. Ruebelman of Idaho.



373. **★OLDS' SPECIAL STRAIN OF FRENCH BREAKFAST.** Our largest seller with the exception of White Icicle. French Breakfast is a quick growing, handsome, olive-shaped radish, deep scarlet in color, with a clearly defined white tip at the base. It measures about ¾ of an inch through and about twice that in length, with very small top and tap root. It is usually ready for the table in about 25 days from sowing. Flesh pure white and very crisp, tender, and mild. Our favorite radish. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.50, postpaid.



375. **SAXA.** This new variety is of a fine scarlet color, round with a very small top and tap root. It is very early, and has been placed on the dining table in three weeks from the time the seed was sown. Very crisp, juicy and mild. It may be sown as early in the spring as the garden can be worked, and is adapted to greenhouse culture. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.

378. **★OLDS' SNOWBALL.** (White Box.) A medium sized, round variety, largely grown for summer use. It has a small top, skin pure white. Mild and sweet. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.50.

MARKET GARDENERS' PRICE LIST.

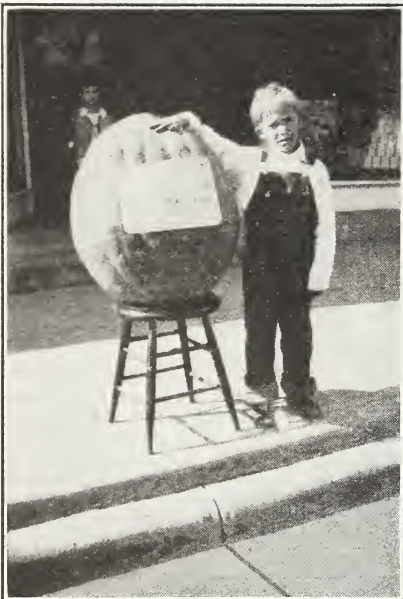
If you are a Market Gardener ask for our "Wholesale Market Gardeners' Price List."

"The first seed I ever sent for, was from the Olds Seed Company, and I must say I never had better seeds in my life than those I received from you. I have sent to several other Seed Companies, but never got very good results. As long as I can get such good growing seed of such good varieties and pure stock, I will have to say, there is no better place to buy."

Henry R. Hedderick, Indiana.

OLDS' SQUASHES

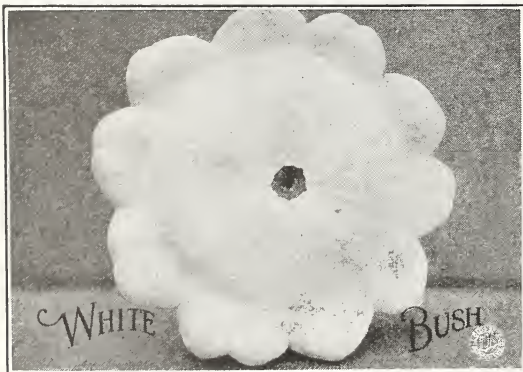
The seed we offer is from squashes grown strictly for seed and is all high grade seed. A packet will plant 8 or 10 hills; 3 to 4 pounds an acre in hills. Use "Evergreen" or "Sure Noxem" for the bugs. See page 93.



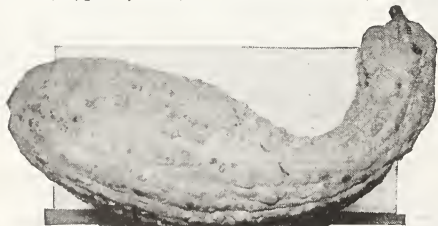
413. GOLD-EN HUB-BARD. (Red Hubbard.) Identical in form and fruitfulness with True Hubbard, but usually somewhat smaller and earlier. The moderately warted skin is a beautiful salmon-red color. Like the True Hubbard the flesh is thick, fine grained and of good quality. It also is a good keeper. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50 5 lbs., \$6.00, postpaid.

John Knutson and his Golden Hubbard Squash.

The above is a picture of farmer John Knutson of Columbia County, Wisconsin, with a 102-pound Golden Hubbard Squash which he grew from Olds' seed. The squash was still growing when the vine froze.



405. MAMMOTH WHITE BUSH SCALLOP. Patty Pan. An early maturing summer variety which will bear throughout the season if kept gathered. Squashes white and good sized; flesh thick, of fine quality. Pkt., 5c; oz., 15c; ¼ lb., 25c; lb., \$1.15; 5 lbs., \$4.75.



Giant Summer Crookneck.

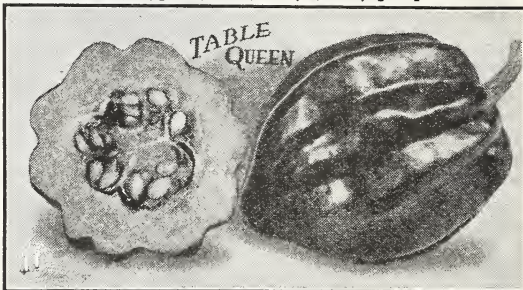
407. ★GIANT SUMMER CROOKNECK. The fruit is of an attractive golden-yellow color, covered with fine warts. Grows 15 to 20 inches long. Very prolific, of good quality, and most popular. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00, postpaid.



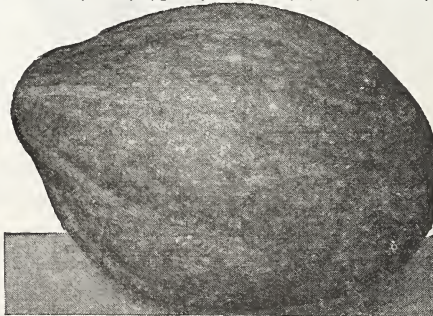
A Typical Specimen of a True Hubbard.

411. ★TRUE HUBBARD. Considered the best of the winter squashes and more largely grown for market and general use than any other variety. A large olive-shaped squash with dark green skin; thick, fine grained flesh of good flavor and of orange-yellow color. A good keeper. Yields heavily. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.

418. BLUE HUBBARD. A new type of Hubbard similar to the original except that it is blue grey in color. Said to be superior to all other Hubbards in quality. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.



409. ★OLDS' TABLE QUEEN. This unique winter squash has already won favor second only to Hubbard and in some particulars is preferred to that excellent variety. Equal to the Hubbard in flavor, dryness and keeping qualities and just the right size to cut in half, (when it will bake in 20 minutes) and serve individually in the half shell. The shell is hard, smooth and ridged; of a uniform dark green color, averaging 6 to 8 inches in diameter. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75; 5 lbs., \$7.00.



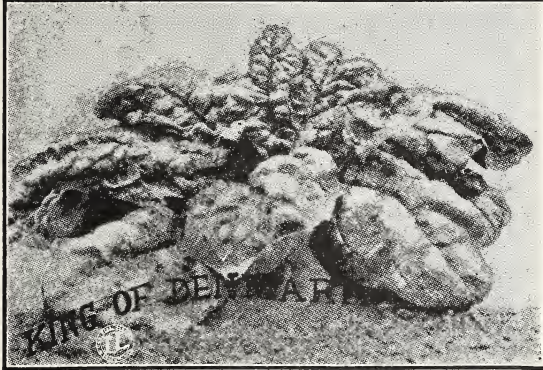
Delicious.

410. ★DELICIOUS. This variety rivals all others in dryness, sweetness and richness of flavor. The shell is green, flesh deep orange. An excellent keeper. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75, postpaid.

420. MAMMOTH CHILI. The largest squash of all, sometimes attaining a weight well over 100 pounds. It yields enormously, from 8 to 15 tons per acre; widely used for stock feeding. Bright orange color. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

OLDS' SPINACH

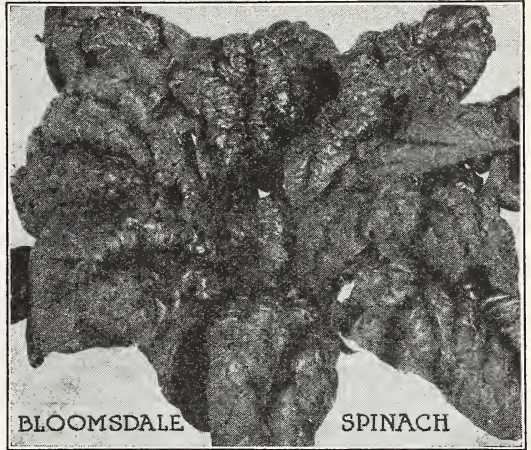
Spinach is a very important market crop, and large quantities of seed are used every year. Our seed is new crop and as low in price as first quality seed can be sold for. Our packets each contain seed sufficient for 12 to 15 feet of drill; 10 to 12 pounds will sow an acre in drills. Treat the seed with Semesan. See page 47.



401½. ★**KING OF DENMARK.** A new spinach and a very valuable introduction. The plants are ready for use as soon as the early kinds and remain in good condition two weeks after other varieties have gone to seed. The plants grow rapidly, resembling the Long Season in type but leaves are more crumpled and are darker green in color, thick, of good quality. Stands well after cutting. We believe this variety will become the leader. Equally valuable for both the home and market gardener. Pkt., 10c; oz., 15c; ¼ lb., 20c; lb., 55c; 5 lbs., \$2.30.

403. ★**OLDS' LONG SEASON.** (Triumph.) About the best long season spinach. The plant makes a flat rosette of very dark green, broad, crumpled, tender leaves. Remains in good condition through hot summer weather and stands an exceptionally long time without running to seed; one of the best for spring and early summer planting. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 60c; 5 lbs., \$2.50, postpaid.

403½. ★**NEW ZEALAND.** Entirely distinct from true spinach in type. Thrives in hot weather and in any soil, rich or poor. The stems and leaves are soft, thick, fleshy and crystalline in appearance; plant, tall and spreading, with numerous side shoots; leaves rather small and pointed. Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$4.00, postpaid.



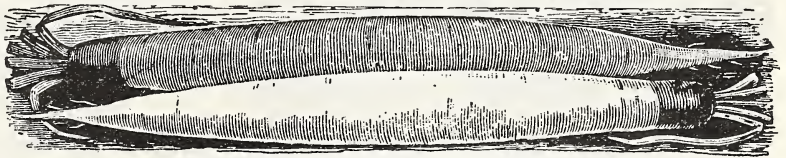
402. ★**BLOOMSDALE.** (New Long-Standing Strain.) This is a very early variety and one of the best to plant in the autumn for early spring use. One of the best for market and canning. The plant is of upright growth, with thick, glossy, dark green leaves of medium size, pointed but broad, and crumpled like those of Savoy cabbage. Stems three inches long. It is very hardy, but seeds quickly in warm weather. Suitable for home gardens but better adapted for market gardeners. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 50c; 5 lbs., \$2.00, postpaid.

400. ★**VICTORIA.** This is one of the best known varieties. The foliage is heavy, the broad, dark green leaves being slightly crumpled, rather pointed, and of the finest quality. It is grown extensively both by home gardeners and market growers for spring, early summer and fall use. Stands hot weather well and is exceedingly slow to shoot to seed. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 45c; 5 lbs., \$1.75, postpaid.

397. ★**MAMMOTH SANDWICH ISLAND.** This is the best variety of Salsify; in fact the only one worth considering. The roots are long, smooth and straight. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00, postpaid.

Recipe for use: Scrape the roots clean, cut in slices and boil in water. When cooked soft, (do not drain) add milk and flavoring, the same as for oysters.

SALSIFY OR VEGETABLE OYSTER



Mammoth Sandwich Island Salsify.

SWEET POTATO PLANTS.



★**YELLOW JERSEY.** Plant on light sandy soil if you have that kind but sweet potatoes will succeed in the north on most any soil if grown from the plants.

Prices: 100 plants for \$1.25; 1,000 plants, \$7.50, postpaid. (Ready about May 15th or a little later.)

TOBACCO

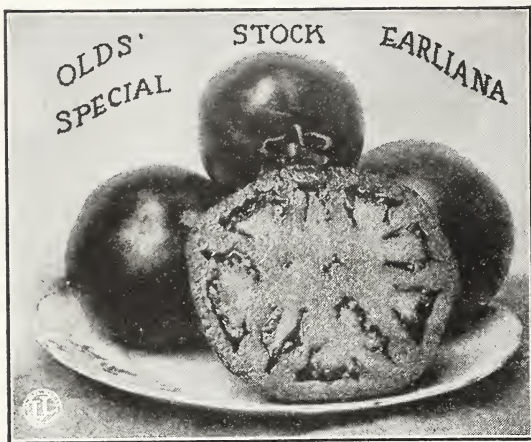
500. ★**COMSTOCK SPANISH.** The genuine strain of Comstock Spanish is known for its vigor of growth; its broad, heavy leaves with rounded tips, its large yield and its agreeable blending of flavor with the filler. Our seed was cleaned and tested at the Wisconsin Experiment Station. This tobacco has been endorsed by 65 leading tobacco packers, by the officials of the Wisconsin Tobacco Pool, and by the Wisconsin Experiment Station through Prof. James Johnson. Pkt., 25c; oz., 75c; ¼ lb., \$2.75.

503. ★**WISCONSIN CONNECTICUT HAVANA NO. 38.** The years spent by Professor Johnson of the Wisconsin College of Agriculture in selecting and experimenting with the varieties of Wisconsin tobacco, have resulted in the development of Wisconsin No. 38. It is the progeny of a single plant produced by careful breeding and selection. This variety has the endorsement of the Wisconsin Tobacco Pool. Pkt., 25c; oz., \$1.00; ¼ lb., \$3.50.

504. ★**WISCONSIN HAVANA NO. 142.** A new resistant strain of tobacco which originated in 1924 at the Wisconsin Agricultural Experiment Station. This variety is adapted to old tobacco soils, or land which is infected with root rot. It is somewhat later than Havana No. 38 but the plants are very straight and very leafy. Pkt., 20c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25; lb., \$8.00.

OLDS' TOMATOES

Our seed is from tomatoes grown for seed and is northern grown. This is important. A packet will produce 300 plants.



435. OLDS' SPECIAL EARLIANA. An improved selection from the Spark's Earliana, earlier and more solid than the original type. We believe this is the earliest tomato grown. Extra select seed. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.25; lb., \$10.00.

425. ★SPARK'S EARLIANA. Best early. No variety of recent introduction has attracted more attention than this. Early tomatoes are usually of small size, but Spark's Earliana is not only very early, but remarkable for its large size. Handsome in shape, of a dark red color and very firm—deep red flesh. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.15; lb., \$3.50, postpaid.

443. ★JUNE PINK. The earliest of all pink tomatoes. A good yielder, of high quality, running very smooth for an early sort; similar in habit and shape to the Earliana, differing from it in color only. The June Pink while primarily an early tomato continues to bear and ripen fruit up to frost. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.50; lb., \$5.00, postpaid.

426. ★SUCCESS. Just right for a second early; bright red, of fine flavor and handsome in appearance. Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., \$2.75, postpaid.

439. OLDS' GOLDEN BEAUTY. (Golden Queen). A large, smooth, pure yellow tomato. Quality excellent in all respects, either for slicing or preserving. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.40; lb., \$4.50, postpaid.

432. DWARF CHAMPION. A very popular dwarf variety; desirable where space is limited; fruit is smooth, solid and medium in size; color pink. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$4.50.



Marglobe Tomato. (See front cover.)

433. ★NEW MARGLOBE. The perfect tomato. Wilt resistant and rust resistant. A new variety that is attracting a lot of attention. Resists nail-head rust and fusarium wilt. Has proven successful under the most severe tests. Pure scarlet in color, globular in shape, extra large, smooth, early, beautiful in appearance and very productive. Above all, the quality is most excellent. Pkt., 15c; ½ oz., 40c; oz., 65c; ¼ lb., \$1.90; lb., \$6.00, postpaid.

429. ★MATCHLESS. A great main-crop tomato of large size and perfectly smooth. Fruit, a handsome cardinal red, firm and solid. A long keeping variety. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c; lb., \$2.35.

438. ★ENORMOUS. Also called Beefsteak and Crimson Cushion. Really a red Ponderosa and the largest of all red tomatoes. A mid-season, main crop variety, very large, very smooth, with solid meat and few seed cells and seeds. The vines are large, strong and vigorous, bearing many "Enormous" bright red fruits of good flavor. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.

SMALL FRUITED TOMATOES.

Prices, all varieties: Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$5.00.

455. GROUND CHERRY or HUSK TOMATO. The small yellow fruit has a flavor all of its own. The fruit is protected by the loose fitting outer husk.

446. YELLOW PEAR. Fruit a bright handsome yellow. Usually grown for preserves and "tomato figs."

447. YELLOW PLUM. Perhaps even more popular for preserves than Yellow Pear. Grows in clusters.

449. RED CURRANT. Smaller than Yellow Cherry and red in color. Used for pickles, preserves, etc.

GATOR HIDE MULCH PAPER

Gator Hide Mulch Paper is an extremely tough, durable paper, impregnated with asphaltum. The paper mulch method, originated in Hawaii, has been tested out by state and federal experiment stations and found very satisfactory for American conditions. It is of really great value both to the home gardener and the professional grower.

Laid down between the rows it

First, Makes cultivation unnecessary.

Second, Holds the moisture in the soil.

Third, Greatly increases the yield.

Prices: Type A, (for annuals), 18 in. width, 300 linear yards to roll, \$3.50 per roll; 36 in. width, 300 linear yards to roll, \$7.00 per roll.

Type B, (extra heavy, for perennials), 18 in. width, 150 linear yards to roll, \$3.50 per roll; 36 in. width, 150 linear yards to roll, \$7.00 per roll.

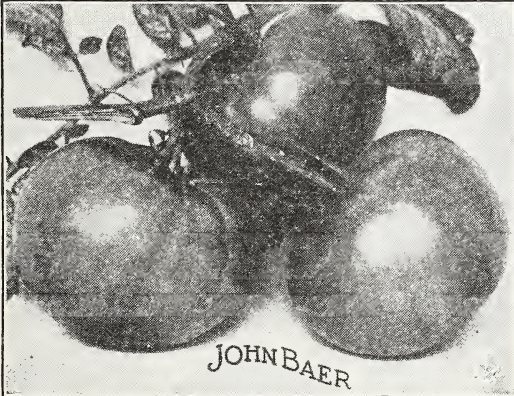
(Ask for 32 page book, "The Miracle of Mulch Paper.")

The Tomato Plant at the left was Mulch Grown, those at the right were not. Increase in yield, 44%.

OLDS' TOMATOES



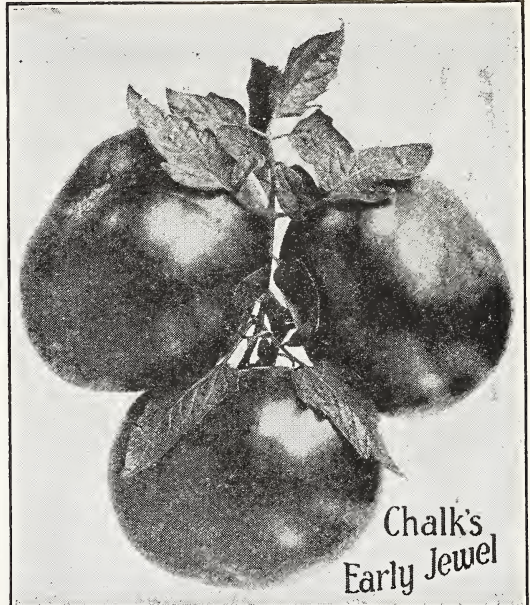
440. ★LIVINGSTON'S NEW GLOBE. A beautiful globe in shape. Very smooth, purplish pink. A rich, juicy tomato, ideal for the home garden, excellent for slicing. Second early. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50.



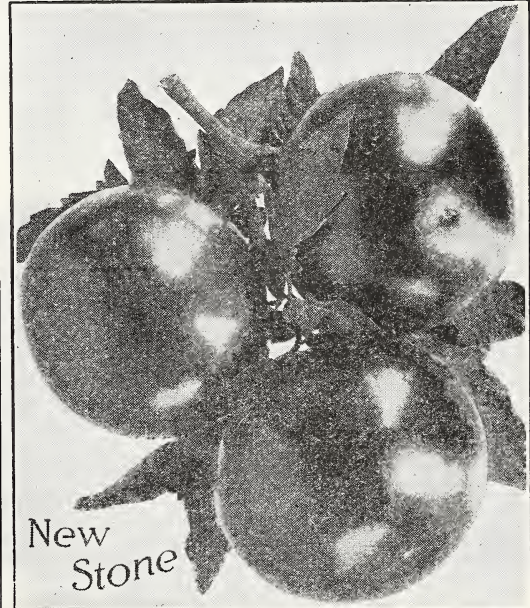
436½. ★JOHN BAER. A new variety of merit. A few days later than Earliana, but produces a heavier crop. Tomatoes large; bright red in color. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00, postpaid.



444. ★BONNY BEST. An extra fine early variety for the home garden. A few days later than Earliana. The color is bright red. Vigorous and productive. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.



434. ★CHALK'S EARLY JEWEL. An exceptionally fine early variety, only a few days later than Earliana. Large handsome fruit, smooth, round and solid, with comparatively few seeds, and sweet flavor. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50, postpaid.



427. ★NEW STONE. The standard main crop variety. Always dependable, very vigorous and productive. The fruit is round, large, solid, smooth and deep red in color. Our seed is from selected stock. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 90c; lb., \$3.00, postpaid.

430. DWARF STONE. One of the best of the dwarf varieties. Fruit large, smooth, solid and deep scarlet. Plants stocky. A desirable home garden variety. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; lb., \$4.50.

437. PONDEROSA. The giant tomato. The tomatoes grow in beautiful clusters, mostly oblong in shape, with solid flesh. Color deep purple. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.75; lb., \$6.00, postpaid.

OLDS' TURNIPS AND RUTABAGAS

Farmers should grow more rutabagas and turnips. Stock will thrive and gain rapidly when these are included in their feed. Turnips can be sown with oats and other grain and in that way they cost practically nothing. Enormous yields per acre may be obtained. We recommend Purple Top Strap Leaf as the best stock turnip. Sow the seed at the rate of one pound to the acre drilled or 2 to 3 pounds if broadcast. A packet will sow 50 feet.



Purple Top White Globe Turnip.

465. ★OLDS' PURPLE TOP WHITE GLOBE TURNIP. Very attractive in appearance; almost a perfect globe; a rapid grower, with pure white flesh and a great yielder. Much like Purple Top Strap Leaf except round instead of flat. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.00, postpaid. Not prepaid, 10 lbs. at 40c; 100 lbs. or more at 35c.

467. COW HORN TURNIP. Pure white, except a little shade of green at the top. Carrot shaped, slightly crooked and growing nearly half out of the ground, making it easy to harvest. Roots often 12 to 15 inches long and 3 inches in diameter. Pkt., 5c; oz., 15c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.00, postpaid.

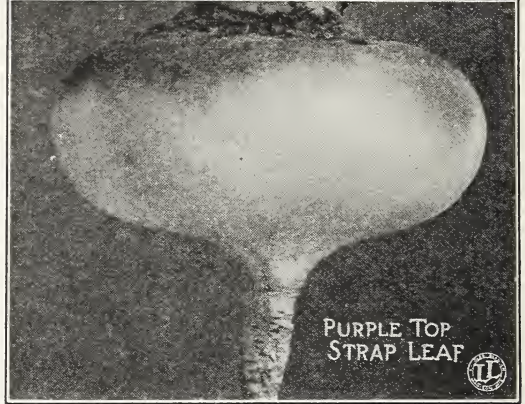


466. OLDS' SNOWBALL. Very early, of medium size, round as a ball. The most suitable white turnip for table use. Skin and flesh pure white; flesh crisp, tender and very sweet—very desirable for sowing early. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.00, postpaid.

474. MIXED TURNIPS. By sowing this well balanced mixture, you are assured turnips of long, round and flat shapes from early summer until winter. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.50, postpaid. Not prepaid, 10 lbs. or over at 35c.

"Certainly like your seeds. Have ordered seed from you for several years. I am highly pleased with results."

Frank L. Lusse, Missouri.



460. ★OLDS' PURPLE TOP STRAP LEAF TURNIP. The most widely cultivated and best known variety. A very early, productive sort. Largely grown for stock and also a great favorite for table use. Flat in shape, of medium size, purple above ground, and white below. Flesh white, tender and fine grained. Many farmers sow this variety of turnip broadcast with their grain, one pound of seed per acre. It makes a wonderful pasture after harvest and costs practically nothing. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 65c; 5 lbs., \$2.50, postpaid. Not prepaid, 10 lbs. at 35c; 100 lbs. or more, at 30c.



475. ★OLDS' IMPROVED PURPLE TOP RUTABAGA. This is an improved strain of the well known standard variety. It is a very heavy yielder, and has no tendency to grow long necks as some varieties do. It is very hardy, a fine keeper, and very satisfactory for both table use and feeding stock. Roots are large, globe shaped, with a very small tap root; color bright yellow with a purple top; tender and sweet. Pkt., 10c; oz., 15c; ¼ lb., 25c; lb., 85c; 5 lbs., \$3.75, postpaid. Not prepaid, 10 lbs. or over, at 55c.

477. NEW NECKLESS RUTABAGA. Crop failed.

TREAT TURNIP SEED WITH SEMESAN

"We disinfected two samples from one lot of Purple Top White Globe turnip seed with Semesan and found that it increased the average germination from 82% for the untreated checks to 89% for the treated seed."

American Seed Co. of Michigan. (See page 47.)



OLDS' CHOICE FLOWER SEEDS

Most flowering plants will live in almost any soil, but to give them a fair chance to develop, some care must be taken to make the ground suitable to their needs. The soil best adapted to flowering plants is generally a light friable loam, containing enough sand to make it porous, thoroughly pulverized and enriched with liberal amounts of bone meal or Vigoro. Make the seed bed as fine, smooth and level as possible, except that a slight rounding of the bed is desirable that it may be well drained; do not plant when the ground is wet and do not plant too early. The ground must be thoroughly warm for most flower seeds. Cover each lot of seeds to a uniform depth which should not be more than four to six times the diameter of the seed; press the soil firmly over the seed; plant in rows so that the plantlets may be easily seen; thin to prevent crowding. If you will do this and will use Olds' Seeds, you may confidently look forward to spring, summer, and autumn enriched by the beauty and fragrance of your own flowers.

Our Flower Seeds are equal to the best offered anywhere. Our seed is from the very best flower seed growers of Europe and America.

The meaning of the initial letter preceding each variety is as follows:

A. indicates an Annual; these grow, bloom and die the first year.

B. indicates a Biennial; these grow the first year and bloom and die the next.

P. indicates a Perennial; these grow the first year, bloom the second and from year to year thereafter.

H. indicates a Hardy Plant. H. H. indicates a Half-Hardy Plant. T. indicates a Tender Plant.

Thus H. H. A. would mean Half-Hardy Annual, and T. P. a Tender Perennial.

OLDS' FLOWER SEED COLLECTIONS

OLDS' ANNUAL FLOWER GARDEN

12 pkts. for 50c, postpaid.

This collection is composed of one full-sized packet of each of the following easily grown and free flowering annuals. Will furnish flowers from early summer until late fall.

Alyssum, Little Gem.
Snapdragon, Giant Fragrant.
Bachelors Button, Mixed.
Balsam, Olds' Camellia Mixed.
Calendula, Double Mixed.
Calliopsis, Fine Mixed.
Celosia, (Coxcomb) Ostrich Plume.
Cosmos, Extra Early Colossal Mixed.
Dianthus, Mixed.
Four O'Clock, Fine Mixed.
Marigold, Mixed Dwarf French.
Poppy, Olds' Finest Mixed.

OLDS' NOVELTY FLOWER GARDEN

(See back cover and for description page 65.)

OLDS' SWEET PEA COLLECTION

(See page 73 for description.)

OLDS' AMAZEMENT FLOWER GARDEN MIXED

1/2 oz. pkt., 15c; 1 oz. pkt., 25c, postpaid.

This mixture is made up of many attractive and easily grown annuals. Some of the varieties are standard favorites, while many are little known but wonderful flowers. Our "Amazement Garden" will please you with a succession of bloom from early spring until late fall.

OLDS' STRAWFLOWER GARDEN

9 pkts. for 60c, postpaid.

Straw Flowers for winter decoration are becoming more and more in favor each year. A few bouquets placed around the home add sunshine to the long, dreary winter months. Our special collection contains one full-sized packet of each of the following:

Everlasting, H. A., Helichrysum Mixed.
Everlasting, H. P., (Sea Lavender) Statice.
Everlasting, H. P., Statice Latifolia.
Everlasting, H. A., Acroclinium Mixed.
Everlasting, H. A., Statice Sinuata.
Gypsophila, H. A., (Baby's Breath) Elegans.
Gomphrena, H. A., Best Mixed, (Globe Amaranth).
Lunaria, H. A., (Silver Dollar Plant).
Olds' Everlasting Aster.

OLDS' FLOWER NOVELTIES AND SPECIALTIES

BEAUTIFY YOUR HOME. GROW MORE FLOWERS

OLDS' FLOWER NOVELTIES AND SPECIALTIES, listed here and on the next page, are all new and rare varieties. The demand for new and finer flowers is constantly increasing. More and more people are beautifying their home surroundings realizing that flowers and plants add to the attractiveness and value of their dwellings. They give a home an atmosphere which distinguishes it from a mere house. "It's not a home until it's planted" is a slogan well worth remembering.

OLDS' FLOWER SEEDS are grown by experts from the best American and European strains. Each year we are securing better and finer varieties and we take pride in offering these to our customers.

NEW DUPLEX SWEET PEAS.

During the past few years there has been a demand for a double Sweet Pea. We offer our customers this season two distinct varieties which we term "Duplex." They have a double row of petals which gives the flowers the appearance of being double.

1251. OLDS' DU- PLEX, Winnie Morse. H. A. This is the largest and most beautiful Sweet Pea we have yet introduced. The flowers are mostly Duplex and beautifully frilled giving the blossoms a fine, wavy effect. The color is a cream ground, blush, soft, rosy pink.

The flowers are well placed upon the stem with usually four blossoms to a stem. When cut and bunched they are very beautiful. Pkt., 25c; 2 pkts., 40c.

1250. OLDS' DU- PLEX, Kittie Pierce. H. A. A new shade in Sweet Peas, being a soft, light lilac suffused with blush pink. The blossoms are very large and are well placed on the strong, stout stems. The petals are beautifully frilled and wavy. A truly remarkable flower used either as a single spray or bunched. Pkt., 20c.

1331. OLDS' DAHL- IA FLOWERED ZIN- NIA, Crimson Monarch. This truly remarkable deep red Zinnia which we offered for the first time last year has proven very popular. If you did not order it last year it should not be overlooked this season.

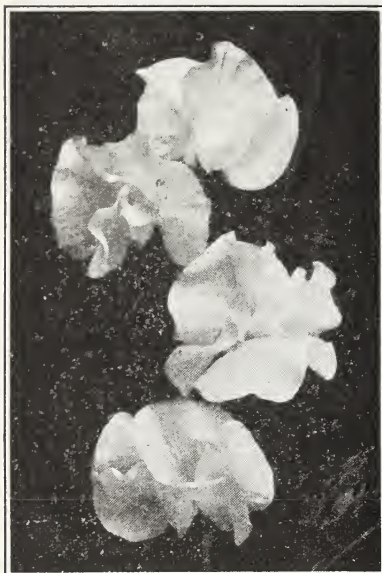
We consider **Crimson Monarch** the best red in a Dahlia Flowered Zinnia. Has enormous flowers of the brightest crimson scarlet. Pkt., 20c; 2 pkts., 30c.

874. OLDS' ESCH- OLTZIA, Ramona. H. A. Escholtzias, or California Poppies are becoming more popular each year.

Ramona is a striking novelty which has been accepted as a very desirable type of fancy Escholtzia. In numerous tests during the past few years it has become more striking each season. Kindly note our back cover page where it is shown in colors.

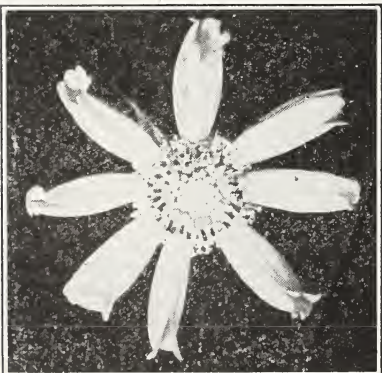
Pkt., 20c; 2 pkts., 30c.

1016. OLDS' LARK- SPUR, La France. H. A. This new double stock- flowered Larkspur which we introduced last year met with great favor and we are again placing it among our novelties. The unique feature which differentiates it from the older types of Larkspur, but which it shares with this year's novelty, Los Angeles, is the large number of laterals on the crown stems. As high as 18 laterals have been picked from one plant. The well formed double flowers are well placed on long stems which set off its attractiveness. It is a vigorous growing plant and more resistant to mildew than the older varieties. Color, pleasing salmon pink. Pkt., 20c; 2 pkts., 30c.



Duplex Sweet Pea, Winnie Morse.

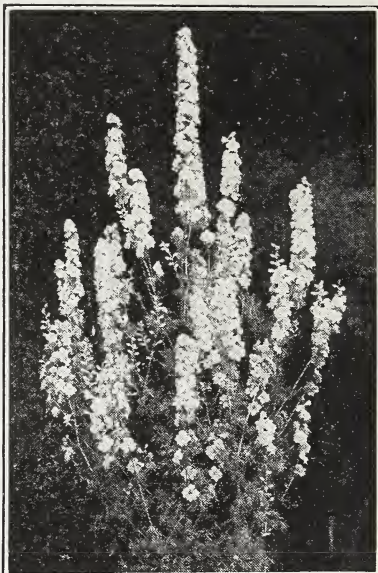
868. CALENDULA, Olds' Campfire (Sensation). H. A. Our last year's addition to the Calendula list. It has larger blooms than any other Calendula. (See page 67 for illustration and complete description.) Pkt., 15c; 2 pkts., 25c.



Cosmos, Hollywood Star.

924. OLDS' COSMOS, Hol- lywood Star. H. A. This graceful oddity was discovered in a field of late crested Cosmos. The flowers are pink, red and white, borne on long stems. Very useful for cut flowers as it is sure to attract attention wherever shown.

We recommend this as a novelty for the amateur gardener and for those who are looking for odd and striking flowers. Pkt., 20c; 2 pkts., 30c.



Larkspur, Los Angeles.

1018. OLDS' LARKSPUR, Los Angeles. H. A. This new double, stock-flowered Larkspur was developed in response to the demand for a Larkspur of the same habits as **La France**, but larger and with a deeper color. In this variety we have the rich salmon ground of **La France** overlaid with a brilliant and pleasing rose. The type of growth is similar to **La France**, our last year's novelty, but the foliage is a much darker green, making the large double flowers stand out more prominently. Los Angeles, as well as **La France**, is very beautiful under artificial light.

We are sure that Los Angeles will prove a very valuable addition to our already popular stock-flowered type of Larkspurs. (See back cover page.) Pkt., 25c; 2 pkts., 40c.



Escholtzia, Ramona.

OLDS' FLOWER NOVELTIES AND SPECIALTIES

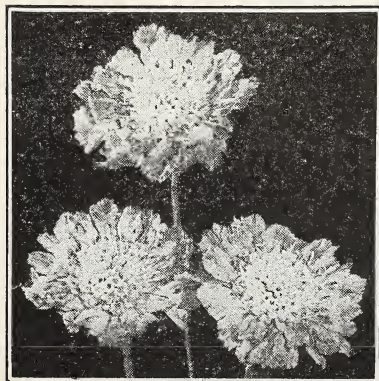


Hollyhock, Exquisite.



1006. OLDS' HOLLYHOCK. Exquisite. B. A wonderful variety and a great improvement over the older types. Very large flowers with beautifully curled and fringed white margined petals, each adorned with a large blotch of various shades of red.

Hollyhocks seem to be increasing in popularity for growing beside walls, fences and foundations, and this new variety will be ideal for that purpose. It is very striking and more showy than the older types. Pkt., 20c; 2 pkts., 30c.



Scabiosa, Caucasica Hybrids.

1156. OLDS' SCABIOSA, Caucasica Hybrids. H. P. This new strain of Giant Hybrids is very beautiful and a great improvement over the older types; being more vigorous and larger with longer stems and larger petals.

The petals are ruffled and slightly frilled on the edges. It will be very fine for growing under glass. The colors in this strain range from white to the darkest blue; but the predominating color is of a dark lilac and mauve. This magnificent strain surpasses all other introductions of Scabiosa for general use. Pkt., 20c; 2 pkts., 30c.



1108. OLDS' CARNATION FLOWERED PETUNIA. H. A. This petunia, which closely resembles a double Carnation, is very striking and very suitable for porch boxes.

We offered this for the first time last year as a remarkable new strain of petunia, the result of years of selecting and re-selecting. The flowers are medium sized, resembling carnations. The color is a deep shade of rose, wonderfully pleasing.

We recommend this new petunia to our customers as the very choicest strain of petunia to be found anywhere although it must not be expected that all the flowers will be double. No variety of Double Petunia usually blooms more than 15 per cent double. Pkt., 25c; 2 pkts., 40c.



815. OLDS' CALIFORNIA SUNSHINE ASTER. H. A. The Sunshine Aster is not a strictly new type aster.

It was introduced in this country a few years ago and became quite popular. However, its habits of growth were not desirable as the flowers were borne on short and weak stems. This Olds' California Sunshine Aster, however overcomes this objectionable feature, and the flowers are borne on long stout stems. The stems measure 2 to 2½ feet while those of earlier types measured about 1 to 1½ feet.

Our mixture contains the following colors: flesh pink, carmine, lavender and violet. We hope to have within a few years a still larger variety of colors. Kindly note back cover page where this aster is shown in colors. Pkt., 20c; 2 pkts., 30c.

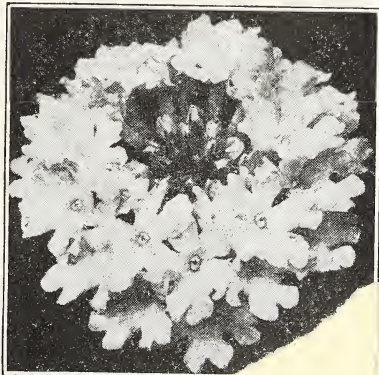
OLDS' NOVELTY FLOWER GARDEN. \$1.25, POSTPAID.

We offer one large packet each of the 8 varieties listed below all for \$1.25 postpaid. These are all new and rare varieties which we are introducing this year. They are fully described on this page and the preceding page and are shown in colors on the back cover of the catalog.

Cosmos, Hollywood Star.
Scabiosa, Caucasica Hybrids.
Hollyhock, Exquisite.
Escholtzia, Autumn Glory.
Escholtzia, Ramona.
Verbena, Mammoth Golden Queen.
Larkspur, Los Angeles.
Aster, California Sunshine Mixed.



Aster, California Sunshine.



Verbena, Gr

1306. OLDS' MAMMOTH GOLDEN QUEEN

We offer this year the Mammoth Golden Queen Verbena golden yellow and a decided novelty so far as color goes. Verbena has ever been produced before. The flowers are on a vigorous vine that is of an everbearing nature and a deep clear yellow in color. It is one of the earliest of flowers and continues to develop throughout the growing season. Note back cover page where this variety is shown in colors. Pkt., 20c; 2 pkts., 30c.

874. OLDS' ESCHOLTZIA, Autumn Glory. H. A. An outstanding novelty. A good double Escholtzia or California Poppy has been altogether wanting before but now we have it.

This new orange-yellow Escholtzia is shown in colors on the back cover. It is easily grown from seed and a large per cent of the plants bloom double. We are positive that this striking novelty will meet with favor. Pkt., 15c.

TREAT BEFORE PLANTING WITH
SEMESAN
FOR DISEASE PROTECTION

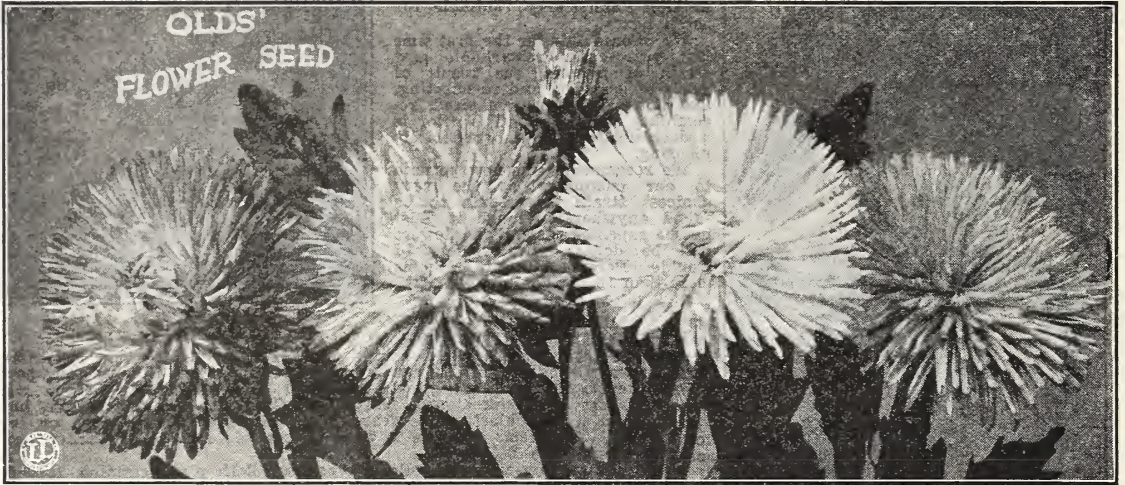


Escholtzia, Autumn Glory.

OLDS' CHOICE FLOWER SEEDS

OLDS' ASTERS

Asters are most desirable of all autumn hardy annuals, for during the early fall when all nature is a riot of reds and yellows, they produce the blues and purples that perfect the color scheme. Our seed is the best California grown.



Olds' Finest Mixed Asters.

- 800. ★Olds' Finest Mixed.** This is a mixture of the very best varieties; large flowers, bright colors, a splendid assortment. Our leader in asters. Include it in your order. Pkt., 15c; oz., \$1.50.
- 800½. Royal Mixed (Early Flowering).** A new class of American aster. Very large double flowers with distinctly incurved shell-shaped petals. Pkt., 10c; oz., \$1.00.
- 802. Giant Comet Mixed.** Immense double flowers, resembling chrysanthemums. Pkt., 10c.
- 802½. ★Olds' Giant Branching (Mixed).** The finest of all asters for cutting. Large vigorous plants, bearing a great profusion of bloom; immense fluffy peony-like flowers. Pkt., 15c; oz., \$1.25.
- 803½. ★Sensation.** This is the reddest of all red asters. The bright color glistens in the sunshine like a live coal. Flowers double, recurved. Pkt., 15c.



Olds' California Giant Double Aster.

- 817. ★Olds' California Giant Double, Mixed.** A combination of the sturdy habit of growth and long stems of the Beauty type of Asters with the well-known Ostrich Feather type of large, graceful flowers. The colors are white, peach blossom, light blue, light purple, deep rose and dark purple. Pkt., 20c.
- 815. Olds' California Sunshine Aster, Mixed.** H. A. This new aster, shown in colors on the back cover of our catalog, is one of the most fascinating flowers yet introduced. See page 65. Pkt., 20c.

- 804½. ★Giant White (Branching).** One of the best white asters. Four inches in diameter. Pkt., 10c.
- 805½. Giant Shell Pink (Branching).** The best clear light pink. Large flowers, graceful in form. Pkt., 5c.
- 806. White Ostrich Plume.** Without doubt one of the finest asters grown. Large, graceful flowers free from all stiffness; very suitable for cut flowers. Pkt., 10c.
- 807½. Giant Crimson (Branching).** A new variety with conspicuously bright red flowers, very double. A mass of them produces a splendid effect. Pkt., 10c.
- 808½. Giant Blue (Branching).** Almost a pure lavender shade, approaching an azure blue. Pkt., 10c.
- 809½. Giant Purple (Branching).** A rich violet or purple. One of the best dark-shaded varieties. Pkt., 10c.
- 812. ★Alice Roosevelt.** Large yellow flowers changing to flesh color. Pkt., 10c.
- 812½. ★Silver Rose.** A robust, long-stemmed, large-flowering new variety. Ashes of roses exactly describes the color of this new Aster. Very beautiful. Pkt., 15c.
- 819. ★Olds' Everlasting Aster.** A curious new Aster resembling a Helichrysum. When cut and dried it has the color and shape of an everlasting flower. Plant early in the spring. Pkt., 15c.



- 805. ★Heart of France.** The best pure red aster ever introduced; flowers large and full, purest ruby. Commands instant admiration for its striking beauty. Pkt., 20c.

OLDS' CHOICE FLOWER SEEDS



Aquilegia or Columbine.

845. ★**AQUILEGIA**. H. P. (Columbine.) Poised on slender swaying stems like graceful birds, the blossoms appear to be hovering but a moment before darting away. Exquisitely dainty flowers, spurred. Pkt., 10c.
855. ★**BACHELOR'S BUTTON**. H. A. (Centaurea, Corn Flower, Blue Bottle, Ragged Sailor, etc.) Mixed. Although not a pretentious plant, Bachelor's Button is one of the popular, hardy, old-fashioned annuals. Pkt., 10c.
- ★**BLANKET FLOWER**. See Gaillardia, page 70.
- ★**BUTTERFLY FLOWER**. See Schizanthus, page 72.



Olds' Camellia Mixed Balsam.

860. ★**BALSAM**. H. A. (Lady Slipper.) Olds' Camellia Mixed. Another old time favorite, producing its gorgeous masses of brilliant colored flowers in great profusion. Very easy to grow. Pkt., 10c.

825. **AGERATUM**. H. H. A. (Floss Flower, Paint Brush.) One of the best bedding plants, bearing bright blue flowers in greatest profusion from early summer until frost. Pkt., 10c.

831. **ALYSSUM, SWEET**. H. A. (Carpet Flower.) Little Gem. Carpet of snow. One of the finest annuals we have for edging, and much loved for its modest blossoms, white and honey scented. Pkt., 10c.

833. **ALYSSUM, SWEET**. H. P. Saxatile. A perennial Sweet Alyssum, producing masses of golden flowers very early. Pkt., 10c.

★**ANTIRRHINUM**. See Snapdragon, page 72.

862. **BEGONIA**. T. P. Single Mixed. The well known perpetual blooming house plant. Easily grown from seed. Pkt., 15c.



Olds' New Calendula Campfire. (Sensation.)



868. ★**CALENDULA**. H. A. Olds' Campfire. (Sensation.) A distinct new type of Calendula originated from Orange King. Larger blooms than on any variety previously introduced. Of vigorous growth, the flowers borne on stout stems. The color of the petals is brilliant orange with a scarlet sheen, with full yellow center. Blooms are flat, very large and handsome. This new variety has been thoroughly tested and accepted as the best orange forcing calendula for florists' use. It will prove just as satisfactory for the home garden. Pkt., 15c.

865. **CALENDULA**. H. A. (Pot Marigold.) Double Mixed. Freely flowering plants of easiest culture, succeeding everywhere. Pkt., 5c.

866. ★**CALENDULA**. H. A. Orange King. A very select, double, dark orange-red calendula. Pkt., 10c.

880. **CANARY BIRD FLOWER**. H. A. A dainty vine with ornamental cut leaves, and dainty, canary-yellow flowers of curious shape. Pkt., 10c.

885. **CANDYTUFT**. H. A. Olds' Choice Mixed. Well known, hardy plants, much used for borders and edging. Easy to grow. Pkt., 10c.

★**CATHEDRAL BELLS**. Pkt., 10c. See Cobaea Scandens, page 69.

875. **CALLIOPSIS**. H. A. Fine Mixed. Showy, yellow flowers, some with base of petals of deep maroon. Free-blooming, doing well in any sunny position and blooming all summer and fall. Pkt., 5c.

877. ★**CALLIOPSIS**. H. P. (Coreopsis.) Lanceolata. One of the finest of the hardy perennials. Pkt., 10c.

★**COREOPSIS PLANTS**. See page 81.

OLDS' CHOICE FLOWER SEEDS



Escholtzia or California Poppies. (Fine Mixed.)



871. **ESCHOLTZIA.** H. A. Olds' Autumn Glory. Our new double California Poppy shown in colors on the back cover. See page 65 for complete description. Pkt., 15c.



874. **ESCHOLTZIA.** H. A. Olds' Ramona. Our new ruffled California Poppy. Most beautiful yet introduced. See back cover and page 64. Pkt., 20c.

870. **CALIFORNIA POPPY.** H. A. (Escholtzia.) Fine Mixed. The State Flower of California. A bright, free-flowering plant with finely-cut foliage and tulip-like flower orange and yellow. Should be in every garden. Pkt., 10c.

872. **★CALIFORNIA POPPY.** H. A. Carmine King. Beautiful carmine-rose, both inside and out. Pkt., 10c.

873. **CALIFORNIA POPPY.** H. A. Golden. The true wild California Poppy. Largest flowers. Pkt., 10c.



Canterbury Bells.

895. **CANTERBURY BELLS.** H. B. Mixed. The spikes of this imposing biennial are covered with large, blue and white, bell-shaped flowers. Pkt., 10c.

CANTERBURY BELLS PLANTS. See page 81.

900. **CARNATION.** H. H. P. New Giant Marguerite. Free blooming, spicy-scented, double, fragrant flowers, nearly 3 inches across. Pkt., 15c.

901. **CARNATION.** H. H. P. Yellow Marguerite. A unique color in carnations. Pkt., 10c.

900½. **CARNATION.** H. P. Dwarf Vienna Mixed. Quite hardy with ordinary protection. Large, double flowers, produced in succession all summer. Pkt., 10c.

890. **CANNA.** H. A. Crozy's Best Mixed. Height, 2½ to 3 feet. Great clusters of brilliant bloom, borne on tall spikes surmounting broad leaves of green, bronze or purple, giving tropical effect. Easily grown from seed if planted early. Fill the shell of the seed to hasten germination. Pkt., 10c.

CANNA PLANTS. See page 78.
898. **CARDINAL CLIMBER.** H. A. A very handsome vine with finely-cut fern-like ornamental foliage; a strong, rapid grower attaining a height of 25 feet, and covered with a blaze of fiery, cardinal red flowers, somewhat resembling small Morning Glories with the bell turned back. Pkt., 10c.

CASTOR BEANS. Pkt., 10c. See Ricinus, page 72.



Cosmos—Double Early Flowering Mixed.

925½. **COSMOS.** H. A. Double Early Flowering Mixed. Grows about three feet high, forming a perfect bush, massed with blooms. The double crested center is edged with a row of single petals. Very early. Pkt., 15c.

924. **COSMOS.** H. A. Olds' Hollywood Star. This curious shaped Cosmos is indeed a rare novelty and will attract attention wherever shown. See back cover and page 64. Pkt., 20c.

926½. **★COSMOS.** H. A. Extra Early Colossal Mixed. The best Cosmos for the northern states, for it offers the combination of extra earliness (July) with good sized blossoms. The plant is graceful and delicate, the flowers as large as the late blooming kinds, perfecting their blooms in our most northerly sections. Pkt., 10c; oz., 50c.

925. **COSMOS.** H. A. Giant Flowered Mixed. Not as early as some but with very large blossoms. It is well to start this variety indoors. Pkt., 10c.

905. **CELOSIA.** H. A. (Coxcomb.) Ostrich Plume. Very hardy annuals of easy culture producing large, ornamental, comb-like heads like ruffled crimson chenille. Maroon-colored leaves. Pkt., 10c.

OLDS' CHOICE FLOWER SEEDS



1303. CHINESE WOOLFLOWER. H. A. The most lowly of all garden annuals. A new variety of Celosia growing two to three feet high, with great, crimson, globe-shaped heads. Scores of branches are thrown out, each bearing a ball of scarlet wool. The numerous flowers together with the bright green leaves look like an immense bouquet carefully arranged and set in the ground. None of the blooms fade until frosted. Pkt., 15c.

911. CENTAUREA IMPERIALIS. H. A. Sweet Sultan. Beautiful, sweet-scented thistle-like flowers borne on long, strong stems. When cut, will last for days in water. Very easy to grow. Pkt., 10c.

915. CHRYSANTHEMUM. H. A. Single Mixed. Annual varieties. Showy flowers of pleasing shades, growing on strong stiff stems. Largely grown for cut flowers. The foliage is finely cut and ornamental. Pkt. 10c.

CHRYSANTHEMUM PLANTS. See page 84.

919. CLARKIA ELEGANS. H. A. Mixed. Bright and attractive annuals of easy culture. They grow about feet high, bear profusely; pretty double flowers carried on long graceful sprays. Pkt., 10c.

920. COBAEA SCANDENS. H. A. (Cathedral Bells.) One of our finest and most rapid growing climbers, attaining a height of 30 feet during the season; fine for covering porches, trellises, arbors, tree-trunks, etc.; will cling to any rough surface. In sowing, place the seed edgewise, doors in March or April. The large bell-shaped flowers are first green then turn to a beautiful purple. Pkt., 10c.

933. CYCLAMEN. T. P. Giant Flowered. A charming house plant with rich-colored flowers, whose beauty of form is enhanced by the reversed petals. Pkt., 15c.

930. CYPRESS VINE. H. H. A. Mixed. Unexcelled for training up a light trellis. Bears many star-shaped, scarlet or white blossoms; finely cut leaves. Pkt., 10c.



Improved Coltness Hybrid Dahlia.

936. DAHLIA. H. A. Improved Coltness Hybrid. A dwarf, compact, single-flowered Dahlia easily grown from seed. Attains a height of 1 to 1½ feet. Will produce flowers freely throughout the season of many vivid and striking shades. Our strain is from the best European and American types. Extremely valuable for bedding and border planting. A novelty of real merit. Pkt., 20c.

935. DAHLIA. H. A. Double Mixed. Large flowering. Dahlias can be easily grown from seed so as to bloom the first year. Plant in a box in the house in April, and transplant. Pkt., 15c.

DELPHINIUM. Pkt., 10c. See Larkspur, page 70.
958. DIGITALIS. H. P. (Foxglove.) Handsome stately plants of imposing mien, giving a wealth of flowers during June and July. Pkt., 10c.

DIGITALIS PLANTS. See page 80.
960. DOLICHOS. H. A. (Hyacinth Bean.) A rapid-growing, free-flowering annual climber; blossoms and later, ornamental pods, borne on erect racemes. Pkt., 10c.



Dianthus Plumarius—Clove Pink.

957. DIANTHUS. H. P. Plumarius. (Clove Pink.) A beautiful hardy perennial single pink with fringed edged flowers in various colors. Pkt., 10c.

950. DIANTHUS. H. A. (Pinks.) Mixed. One of the most loved of all annuals. The brilliant, contrasting colors appearing in each flower form stripes, bands and markings and are very beautiful. Pkt., 10c.

OLDS' DAISIES

944½. ★DAISY. H. A. Golden Orange. A rare and showy African Daisy with large, glossy, orange-red flowers which glitter in the sun. Pkt., 10c.

940. DAISY. H. P. Fine Mixed. Few flowers are more universally loved than daisies, celebrated in song and rhyme from time immemorial. Pkt., 10c.

943½. DAISY. H. A. Arctotis. (Blue-Eyed African Daisy.) Plants quickly form bushes 2 to 3 feet across with deep-cut silver foliage and large blossoms of silver-white with blue eye. Underside of petals bluish. Pkt., 5c.

944. DAISY. H. P. Shasta Giant. See illustration on page 81. A splendid hardy perennial producing, on stout stems, great flowers 5 inches in diameter with pure white overlapping petals. Pkt., 10c.

DAISY PLANTS. Page 81;

OLDS' CHOICE FLOWER SEEDS



Hardy Perennial Gaillardia.

986. ★GAILLARDIA. (Blanket Flower.) H. P. Hardy Perennial Mixed. Blooms continuously through summer and fall, regardless of heat or drought. Flowers with brown center, surrounded with concentric rings of crimson, orange and scarlet, on the petals. Pkt., 10c.
985. ★GAILLARDIA. H. A. Double Mixed. The annual Blanket Flower—reds and yellows. Pkt., 10c.
969. EUPHORBIA. H. A. (Snow on the Mountain.) A very distinct plant. Grows 2 feet high; very showy with its foliage edged white and green. Is splendid for bouquets. Pkt., 10c.

OLDS' STRAW FLOWERS

965. ★EVERLASTING. H. A. Helichrysum Mixed. Double flowers in glittering colors. Pkt., 10c.
966. EVERLASTING. H. P. (Sea Lavender.) Statice. Full panicles of small blue flowers all summer. Pkt., 10c.
- 966½. EVERLASTING. H. P. Statice Latifolia. Large flat heads of purplish-pink color. Pkt., 10c.
967. EVERLASTING. H. A. Acroclium, Mixed. A pretty annual 15 inches high, bearing lovely white or pink daisy-like blossoms. Lasts through the winter. Pkt., 10c.
968. EVERLASTING. H. A. Statice Sinuata. A charming new bright rose color. Pkt., 10c.



Gypsophila Paniculata or Baby's Breath.

993. GYPSOPHILA. H. P. (Baby's Breath.) Paniculata. The flowers are small, starlike, and borne in feathery sprays. May be used for winter also. Pkt., 15c.
- GYPSOPHILA PLANTS, see page 81.
994. GYPSOPHILA ELEGANS. H. A. Similar to the perennial Gypsophila only an annual. Pkt., 10c.

970. FORGET-ME-NOT. H. A. (Myosotis.) One of the best spring flowers and a great favorite. A sea of blue. The national flower of Belgium. Pkt., 10c.

975. FOUR O'CLOCK. H. A. (Marvel of Peru.) Mixed. Handsome, free-flowering, many colored blossoms. A good, old-fashioned flower of hardy habit, very charming as a hedge plant. Pkt., 5c.

987. GERANIUMS. T. P. Mixed. Blooming plants can be grown from seed the first year. Pkt., 15c.

GERANIUM PLANTS. See page 83.

995. GOURDS. T. A. Mixed. Ornamental. Quickly makes a dense growth of vines. Pkt., 5c.

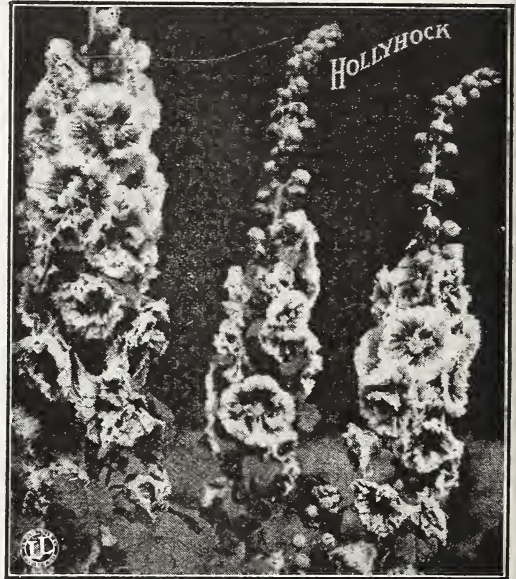
990. GODETIA. H. A. Best Mixed. A very pretty annual which should be grown more extensively. Attains a height of about 1½ feet. The flowers have a satiny texture and appear in many beautiful colors. A profuse bloomer. Does well in poor soils. Pkt., 10c.

997. GOMPHRENA. H. A. Best Mixed. (Globe Amaranth.) Sometimes called Bachelors Button. A showy annual everlasting or straw flower. Pkt., 10c.

1026. LUNARIA. H. A. (Silver Dollar Plant.) Sometimes called Honesty Plant. The flowers are purple followed by silvery seed pods. Pkt., 10c.

1000. HELIOTROPE. H. H. P. Choice Mixed. Flowers from seed the first year. Delicate blue and white flowers continuously appearing. Pkt., 10c.

1013. ★KOCHIA. (Annual Evergreen.) H. A. Mexican Fire Bush. A rapid grower, producing globe-shaped bushes of finely cut small green leaves and stems, which change in the early fall to carmine. Pkt., 10c.



Double Mixed Hollyhock.

1005. ★HOLLYHOCK. H. P. Double Mixed. Stately stalks of velvet bloom. Giant flowers of red and pink and white. Sow in June for flowers next summer. Pkt., 10c.

1006. HOLLYHOCK. H. P. Olds' Exquisite. Our new variety of Hollyhock and a marked improvement over the old type. See back cover and page 65. Pkt., 20c.

1007. ★HOLLYHOCK. Annual Mixed. Tall spikes of satiny mallow flowers throughout the summer. Pkt., 5c.

1010. HUMULUS. H. A. Japonicus. (Japanese Hop.) A fine porch vine. Makes a rapid growth. Pkt., 10c.

1015. ★LARKSPUR. H. A. Fine Mixed. Tall old-fashioned spikes of blue. Pkt., 10c.

1016. ★LARKSPUR. H. A. LaFrance. Most striking color and tallest growing. Salmon-pink shade. Our last year's introduction. See page 64. Pkt., 20c.

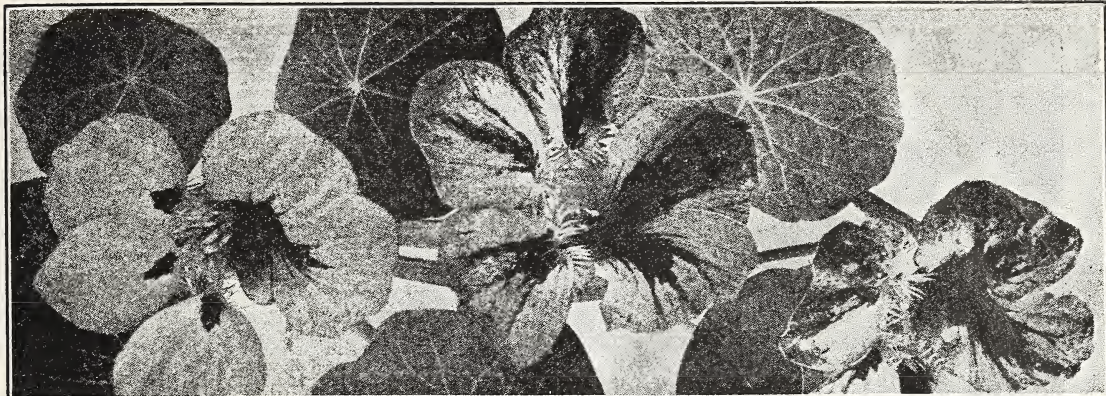
1018. LARKSPUR. H. A. Olds' Los Angeles. This new rosy scarlet variety is a fine addition to our tall double stock-flowered Larkspurs. See back cover and page 64. Pkt., 25c.

1017. LARKSPUR. H. P. (Delphinium.) Belladonna. Spires of bluest hue. This hybrid strain is of wonderful beauty; growing up to six feet in height and outmatching all other flowers around it. Pkt., 10c.

DELPHINIUM PLANTS. See page 81.

1025. LOBELIA. H. A. Mixed Dwarf. Compact, bushy little plants about 6 inches high and covered with little, bright blue flowers. Pkt., 10c.

OLDS' CHOICE FLOWER SEEDS



Olds' Tall Mixed Nasturtiums.
OLDS' NASTURTIIUMS



1060. ★**NASTURTIIUM.** Olds' Tall Mixed. H. A. No annual is more easily grown than the Nasturtium and nothing surpasses it in duration of bloom or in brightness of color. If you want a supply of condensed sunshine all summer long sow some of Olds' Tall Mixed Nasturtium seed. These are the freest bloomers and produce the largest flowers. Large pkt., 10c; oz., 20c; 1/4 lb., 40c; lb., \$1.40, postpaid.



1050. ★**NASTURTIIUM.** Olds' Dwarf Mixed. H. A. The Dwarf Nasturtiums are best adapted to sowing in beds or for borders. Olds' Dwarf Mixed shades from dark crimson through all shades of red to light yellow and almost white. Large pkt., 10c; oz., 15c; 1/4 lb., 35c; lb., \$1.30.

1020. **PERENNIAL SWEET PEA.** H. P. Similar to the annual kind but continuing year after year. Pkt., 15c.

1040. **MOONFLOWER.** H. A. Mixed. A fine, ivy-leaved climber, covered every evening and cloudy day with large, fragrant flowers. Pkt., 10c.

1033. **MIMOSA.** H. A. An interesting plant which grows to a height of about one foot. The leaves will close and droop when touched. Has pinkish white flowers. Sometimes called "The Sensitive Plant." Pkt., 10c.

1030. ★**MARIGOLD.** H. A. Mixed French. The favorite, dwarf, highly-colored variety. Pkt., 10c.

1031. **MARIGOLD.** H. A. Lemon Queen. Large, double-quilled African Marigolds. Very showy. Pkt., 10c.

1032. **MARIGOLD.** H. A. Signata Pumila. (Border Marigold.) A miniature marigold, 6 to 8 inches high, completely covered with bright orange flowers. Very striking for edgings. Pkt., 15c.

1035. **MIGNONETTE.** H. A. Mixed. Of dwarf, pyramidal form; numerous branches; very fragrant. Fine for combining in bouquets. Pkt., 15c.

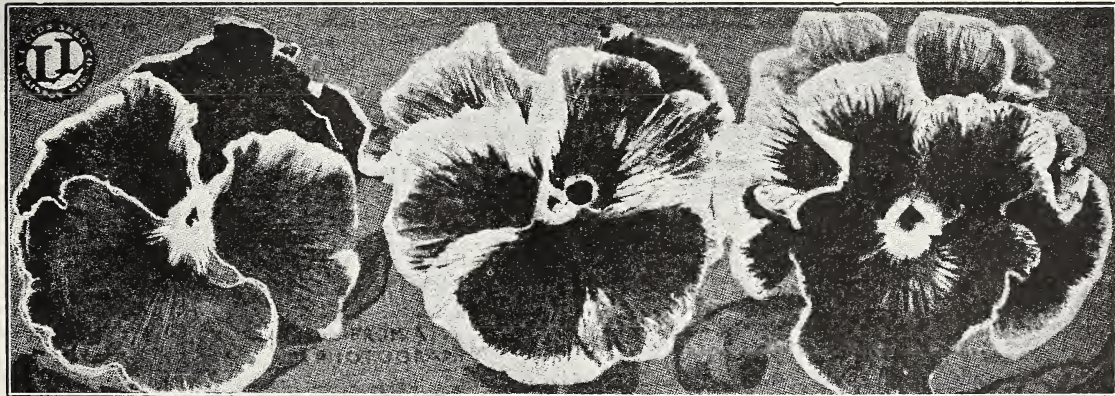
1045. **MORNING GLORY.** T. A. Imperial Japanese. A wonderful array of color—pure white through all shades of blue and red to the darkest purple. Pkt., 10c; oz., 30c.

1047. **MORNING GLORY.** H. A. Tall Mixed. The beautiful, old-fashioned, common Morning Glory. Pkt., 5c; oz., 15c.



1110. ★**PHLOX.** H. A. Olds' Finest Mixed. A splendid mixture of many pleasing colors and varieties. Pkt., 10c.

1114. **PHLOX.** H. A. Starred and Fringed. Pretty star-like flowers of many colors, some fringed. Pkt., 10c. **FOR PHLOX ROOTS.** See page 78.



Olds' Giant Prize Mixed Pansies.

OLDS' PANSIES



1075. Olds' Giant Prize Mixed. P. The largest, richest, best-formed flowers of any Pansy we have ever seen, ranging in color from pure white through bronzes, browns, yellows and blues to the deepest purple-black. Pkt., 25c.

PANSY PLANTS. 60c per doz., postpaid.

1079. ★**Giant Trimardeau Mixed.** P. An extraordinary strain of Pansy. Very large flowers. Pkt., 10c.

1083. **March-Flowering.** P. These pansies are very desirable, owing to the extreme hardiness of the plants and their early-flowering habit. They winter in the open ground, flowering early and in great profusion. Pkt., 15c.

OLDS' CHOICE FLOWER SEEDS



OLDS' PETUNIAS

- 1100. ★PETUNIA.** H. A. Olds' Finest Mixed. This splendid mixture will prove an agreeable surprise even to those who expect much. It excels in richness of color and large size. Pkt., 25c.
- 1102. PETUNIA.** H. A. Choice Mixed. Will produce an abundance of bright flowers. Pkt., 10c.
- 1103. ★PETUNIA.** H. A. Rosy Morn. Compact plants bearing a profusion of beautiful flowers 1½ inches in diameter, with throats of silvery-white, the rest heavily flushed with soft rosy pink. Very popular. Pkt., 15c.
- ROSY MORN PETUNIA PLANTS.** Doz., 40c; 50 for \$1.25, postpaid.
- 1108. PETUNIA.** H. A. Olds' Carnation Flowered. Resembles a double carnation. The flowers are light rose. Very free blooming. Will bloom 15 to 20 per cent double from seed. Pkt., 25c.
- 1109. PETUNIA.** H. A. Double Mixed. A splendid mixture of beautiful large-flowering, fringed and waved Petunias. Will produce 20 to 30 per cent double flowers. Pkt., 25c.
- 1130. PORTULACA.** H. A. Double Mixed. (Rose Moss.) Small fleshy plants, producing a carpet of bloom, even in dry weather. Pkt., 10c; oz., \$6.00.
- 1131. ★PORTULACA.** H. A. Single Mixed. Even more beautiful than the double. Pkt., 10c; oz., \$1.50.

OLDS' POPPIES

- 1120. ★POPPY.** H. A. Olds' Finest Mixed. A fine blend of many handsome shapes and sizes; many are double and shaped like a ball, in white, pink and red; massive Carnation Poppies and dainty Shirleys. A splendid mixture. Pkt., 15c.
- 1121. POPPY.** H. A. Improved Carnation. Splendid large double flowers of many shades. Pkt., 10c.
- 1122. ★POPPY.** H. A. Reselected Shirley. Silk or Ghost Poppies. Beautiful satiny flowers. Pkt., 10c.
- 1127. POPPY.** H. A. Flanders. Vivid scarlet-red. The first official flower of the American Legion. Very much in demand because of the associations. Pkt., 10c.
- 1128. ★POPPY.** H. P. Iceland Mixed. Hardy perennials blooming the first season. Bright, fern-like, evergreen foliage. Pkt., 10c.
- 1128½. POPPY.** H. P. Red Oriental. Fine perennial plants 3 feet tall, of rather massive form and bearing bright scarlet flowers 6 inches across. Pkt., 10c.
- ORIENTAL POPPY PLANTS.** See page 80.
- 1135. PRIMULA.** Large-Flowering. T. P. (Chinese Primrose.) The best of the fringe-leaved house primroses. Mixed colors. Pkt., 20c.
- 1140. RICINUS.** H. A. (Castor Bean.) Stately ornamental plants with picturesque foliage, giving a tropical effect. Pkt., 10c; oz., 20c.
- 1142. ROSA MULTIFLORA.** P. Dwarf roses from seed. Little bushes covered with miniature fairy roses. Pkt., 10c.

840. SNAPDRAGON. H. A. (Antirrhinum.) Dwarf Mixed. Snapdragons were a feature of the old-fashioned garden. Then for a time they were neglected, until when the improved new varieties appeared, they suddenly became popular again. The brilliant blooms remain through the summer and fall. Pkt., 10c.

SNAPDRAGON PLANTS. Dwarf Mixed. Doz., 40c; 50, \$1.25, postpaid.

841. SNAPDRAGON. H. A. (Antirrhinum.) Giant Fragrant. Pkt., 5c.

843. SNAPDRAGON. H. A. (Antirrhinum.) Pink Beauty. Pkt., 10c.

1145. SALPIGLOSSIS. H. A. (Painted Tongue.) A very attractive annual with slender stems bearing lily-shaped flowers veined with gold. Pkt., 10c.

1150. SALVIA SPLENDENS. H. A. Keeps the garden bright with red color. Pkt., 15c.

SALVIA PLANTS. Doz., 45c; 50 for \$1.50, postpaid.

1160. SCHIZANTHUS. H. A. (Snapdragon. Butterfly Flower.) One of the daintiest of annuals and easily grown. Quickly grows into a bushy plant so completely covered with many colored flowers that the foliage is almost concealed. Pkt., 10c.

39. SCARLET RUNNER BEAN. T. A. A vigorous climber producing bright, scarlet flowers. See page 33. Pkt., 10c.

1165. SMILAX. T. P. Delicate climber of glossiest green; used in hanging baskets and in bouquets. Pkt., 10c.

1180. SUNFLOWER. H. A. Chrysanthemum-Flowered. Bright yellow, double flowers, resembling chrysanthemums. Pkt., 10c.

1185. SUNFLOWER. H. A. Mammoth Russian. Immense plants 12 feet high with single blossoms from 6 to 15 inches across. Pkt., 5c.

1172. STOCKS. TEN WEEKS. Olds' Large Flowering, Mixed. The flowers appear on long stiff stalks like small rosettes. They are exceedingly fragrant and range through all shades of the most delicate colors. Pkt., 10c.

1156. SCABIOSA. H. P. Olds' Caucasica Hybrids. (Isaac House Strain.) This new perennial Scabiosa is truly magnificent. We predict when it becomes known it will be very popular indeed. Colors range from white to the darkest blue. See back cover and page 65. Pkt., 20c.

1155. SCABIOSA. H. A. Double Mixed. (Mourning Bride.) Sometimes called Pincushion. A variety of soft colors and shades. Pkt., 10c.

1300. SWEET WILLIAM. H. P. Mixed. (Dianthus Barbatus.) The plants grow 18 to 24 inches high. They make excellent border plants and are fine also for bouquets. Like annual pinks, loved for its brilliant and enduring flowers. Pkt., 10c.



Snapdragon.



Olds' Large Flowering Mixed Stocks.



VIGORO
Specially prepared plant food

OLDS' CHOICE FLOWER SEEDS



OLDS' SWEET PEAS

- 1200. ★Olds' Prize Mixed.** We believe this is the best possible mixture of the old-fashioned or grandiflora sweet peas. Many named varieties of fine colors. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.85.
- 1201. Sunrise Mixed.** Early-flowering Spencers only. Spencers surpass all other sweet peas—long stems, three to five blossoms on a stem; flowers very large, waved, frilled and fragrant. Pkt., 15c; oz., 40c; ¼ lb., \$1.25.
- 1203. ★Olds' Mixed Giant Spencers.** A careful and well-balanced blend of the best named varieties and new seedlings of the beautiful orchid-flowered or Spencer Sweet Peas. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

OLDS' NEW SPENCER DUPLEX SWEET PEAS

- 1250. Kitty Pierce.** A soft light Lilac Duplex Sweet Pea. Fine for exhibition purposes. See page 64 for complete description. Pkt., 25c.
- 1251. Winnie Morse.** One of the finest Sweet Peas we have yet introduced. Flowers are cream and pink and mostly duplex. See page 64. Pkt., 20c.
- 1237. ★Fiery Cross.** Glittering orange scarlet. Wonderfully striking and beautiful. Pkt., 10c; oz., 30c.
- 1235. Royal Scots.** The best fiery red Spencer type Sweet Pea. Pkt., 10c; oz., 25c.

- 1306. OLDS' VERBENA.** H. A. Golden Queen. A valuable addition to the Verbena list. Very beautiful and a wonderful bedding plant. Shown on back cover page in colors and described on page 65. Pkt., 20c.

- 1305. ★VERBENA.** H. A. Olds' Finest Mixed. A favorite old flower, one of the most popular garden annuals. Clusters of many bright colors are borne in constant succession from June until frost. We offer a very choice mixture. Pkt., 15c.

TEN NEW SPENCER SWEET PEAS

- 1211. Austin Frederick Improved.** The best new lavender. Pkt., 10c; oz., 25c.
- 1212. Constance Hinton.** The best white sweet pea for outdoor planting. Very large. Pkt., 10c; oz., 25c.
- 1213. Defiance.** Orange scarlet. A fine variety. Very large. Pkt., 15c; oz., 40c.
- 1214. Heavenly Blue.** A most beautiful soft tone of delphinium blue. Flowers of immense size, four to a stem. Pkt., 20c; oz., 50c.
- 1215. Mary Pickford.** A famous choice new sweet pea that has already created quite a sensation. It proved a great attraction at the Los Angeles Seed Convention in 1925. The color is a dainty cream-pink lightly suffused with salmon. Most charming. Pkt., 15c; oz., 30c.
- 1216. Matchless.** Cream yellow. Large flowers, very attractive. Pkt., 10c; oz., 25c.
- 1217. Miss California.** Another splendid new variety. Orange salmon with cream pink. Pkt., 10c; oz., 30c.
- 1218. Royal Purple.** Large, wavy flowers of a rich royal purple. The best purple. Pkt., 10c; oz., 25c.
- 1219. Warrior.** Rich chocolate maroon. Large handsome flowers. Pkt., 10c; oz., 20c.
- 1220. Youth.** White, edged in a beautiful way with a delicate soft rose pink. An unusually large and fragrant sweet pea. Very desirable. Pkt., 10c; oz., 30c.

Special Offer. One pkt. each of the above 10 varieties for 75 cents. (Would cost \$1.20 purchased separately.)

- 1315. WALLFLOWER.** H. H. P. Mixed. Half hardy perennials, bearing spikes of deliciously fragrant spring flowers. The rich red and yellow coloring of the flowers is very effective. They are easily grown and last well as cut flowers. Pkt., 10c.

OLDS' ZINNIAS

Zinnias are becoming all the time more and more popular. Their easy culture and long blooming season make them very desirable. Since the introduction of the Dahlia Flowered type the demand for Zinnias has increased many times over. Newer and better colors are being added each year to our already popular mixture. Zinnias do well on practically any soil and under unfavorable weather conditions. Be sure and order some seed of this popular annual.

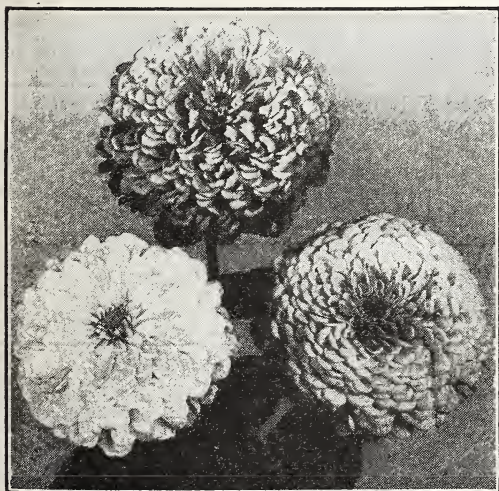
- 1336. ★ZINNIA.** H. A. Olds' Gold Medal Dahlia Flowered, Mixed. A new type of Zinnias characterized by large size, fullness of petal, extraordinary color range and good keeping quality. Resembling dahlias in size and appearance and the most easily grown right from the seed of any flower in the entire list. It has been truthfully called "A new Flower for the People."

The mixture we offer contains a wonderful assortment of color, ranging through all shades of red, pink, rose, orange, yellow, purple and white. Pkt., 15c.

- 1331. DAHLIA-FLOWERED ZINNIA.** H. A. Olds' Crimson Monarch. The best large, deep red Dahlia-Flowered Zinnia. Very popular. See page 64 for complete description. Pkt., 20c.

- 1335. ZINNIA.** H. A. Giant Flowered Mixed. A mixture of named California Giant Zinnias, all large, strong-growing and of brilliant color. These grow 3 feet tall, with flowers of enormous size. Healthy, vigorous, showy, easily grown. Pkt., 10c; oz., 75c.

- 1329. ZINNIA.** H. A. Fire King. A magnificent variety with deep scarlet flowers. Pkt., 10c.



Olds' Gold Medal Dahlia Flowered Zinnias.

OLDS' BEAUTIFUL GLADIOLI

Gladioli are generally recognized as the most beautiful and popular of all summer flowering bulbs. They are of very easy culture and well suited for garden as well as cut flower purposes. They offer a very wide range of colors. Our color plate on the inside back cover gives a fair idea of the different shades. These are of the newer varieties and should not be overlooked in placing your order.

In cutting Gladiolus blooms for the house it is best to cut the spikes when the first flowers open as the balance of the buds will open when in water. Gladiolus bulbs designed for the flowers should be planted from 3 to 4 inches deep and at least 6 inches apart. Order both early and late varieties so as to extend the blooming season.

OLDS' 1930 INTRODUCTIONS.

W. H. PHIPPS. La France pink, overlaid with light rose salmon, lighter toward center. Lower petals are very faintly striped and speckled with ruby. Flowers enormous; a masterpiece in Gladioli. Each, 35c; 3 bulbs, 90c.

JACK LONDON. Light salmon with vermilion stripes. Canary yellow throat with ruby stripes. Just about perfect in every way; a grand flower. Each, 15c; 3, 35c.

LOUISE. Here is a real beauty. Fine bright bluish lavender with a wine-colored blotch on lower petals. A sturdy grower with magnificent wide open flowers. Each, 15c; 3 bulbs, 35c.

SPLENDORRA. Splendid very dark wine-black. A fine, rich distinct sort. Each, 15c; 3 bulbs, 35c, postpaid.

MRS. GEORGE W. MOULTON. A giant violet-red or cerise. Many open at one time and nicely placed on spike. One of the best in its color and sure to give satisfaction. Each, 15c; 3 bulbs, 35c, postpaid.

MRS. F. C. PETERS. A beautiful shade of rose-lilac with soft crimson blotch; slightly ruffled and many open at one time; tall, vigorous and very fine. Each, 15c; 3 bulbs, 35c, postpaid.

TREAT BEFORE PLANTING WITH SEMESAN FOR DISEASE PROTECTION

Gladiolus diseases are becoming more and more troublesome each year. We recommend treating the bulbs with Semesan. This preparation can be dusted on the bulbs at planting time.

Prices: 2 oz. size, 50c; 8 oz. size, \$1.60; 1 lb. size, \$2.75; 5 lb. size, \$13.00. Not mailable.

Semesan can also be profitably used on flower seeds of nearly all kinds. Ask for booklet "Beautiful Fragrant Flowers with Semesan."

OLDS' GLADIOLUS COLLECTIONS.

OLDS' SKYROCKET GLADIOLUS GARDEN.

8 bulbs for \$1.10, postpaid.

This collection consists of one each of our eight 1930 introductions named above. These are all varieties of exceptional value. They should be included in every up-to-date Gladiolus garden. One of each for only \$1.10.

OLDS' ARISTOCRAT GLADIOLUS COLLECTION.

6 choice varieties, one bulb each, for 95c, postpaid.

The following 6 Gladioli described on pages 75 and 76 and shown in natural colors on the inside back cover we consider the cream of our entire list. They are all of recent introduction and produce unusually large flowers.

We urge our customers to order this collection at our special price of 95c, postpaid. They will make a wonderful assortment of color for any garden.

American Beauty, page 75.

Purple Glory, page 75.

Crimson Glow, page 75.

Rose Ash, page 76.

Golden Measure, page 75.

Mrs. Leon Douglas, page 75.

OLDS' BARGAIN GLADIOLUS COLLECTION.

8 bulbs for 50c, postpaid.

We offer one each of the 8 varieties of Gladioli named below, properly labeled, for 50c, postpaid.

These are all large, healthy, blooming size bulbs, guaranteed to bloom. This collection is a real bargain.

America. Soft lavender pink.

Halley. Early; soft salmon pink.

Schwaben. Canary yellow.

War. Deep red.

Peace. Giant glistening white.

Scarsdale. Lavender.

Le Marchal Foch. Rose pink.

Prince of Wales. Salmon pink.

HINTS TO GLADIOLUS GROWERS.

Gladiolus bulbs must have food in order to produce healthy blooms. Too much nitrogen in the soil will produce an excessive leaf and stem growth and the flowers will be inferior in size and beauty. To offset this condition it is necessary to use a plant food containing a relatively high percentage of potash. Vigoro contains just the right amount of potash for Gladioli and we recommend using this fertilizer. See page 92.



Eugene Le Ferbre.

EUGENE LE PERBRE. A wonderful large French Gladiolus. Deep pink with throat dotted purplish-amaranth and cream. A most beautiful variety. Each, 20c; 3 bulbs, 50c, postpaid.

Ced-o-flora
PLANT SPRAY
REGISTERED TRADE MARK



E. J. Shaylor Gladiolus.

E. J. SHAYLOR. Deep rose-pink to rose color. Outer edges and buds show a distinct rose color with throat of lower petals delicately penciled rose-red. This is undoubtedly one of the best Gladioli ever introduced. It is very popular as a cut flower, is a good propagator and a vigorous grower; fine form and very pleasing in color. Each, 10c; 3 bulbs, 25c, postpaid.

OLDS' BEAUTIFUL GLADIOLI



Crimson Glow Gladiolus.

AMERICA. One of the best. It makes a strong, healthy plant with three-foot erect flower spikes bearing many fine spreading blossoms all facing one way. The color is an exquisite soft lavender pink. We sell more America than any other gladiolus on our list. Bulbs each, 5c; 6 for 25c; 12 for 45c; 25 for 80c; 100 for \$3.00, postpaid.

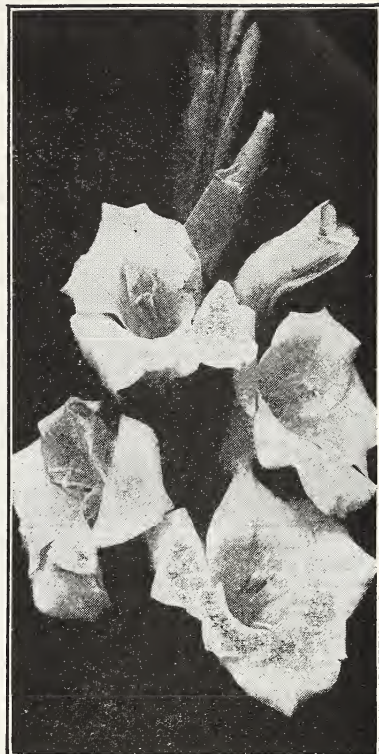
AMERICAN BEAUTY. (Diener's.) See colored plate inside back cover. Brilliant American Beauty color, throat yellow, striped with ruby. The spikes bear a large number of flowers at one time, which are set close together forming an immense and magnificent bouquet. Flowers are very large, often measuring 5 inches across. We consider this one of the best of the new varieties. Bulbs, each, 20c; 6 for \$1.00, postpaid.

ANNA EBERIUS. A dark velvety purple, shading to a darker throat. A wonderful spike of close set flowers, which are large and open, forming an immense bouquet. Each, 15c; 6 for 70c; 12 for \$1.35; 25 for \$2.50, postpaid.

BLUE JAY. A true "Blue Jay" shade, much lighter than Baron Hulot. The well-opened flowers are carried on tall, slender stalks. In color they are a light violet blue, sometimes flaked with indigo. The upper center petal carries two crimson spots which show on the back as creamy white. Each, 25c; 6 for \$1.25; 12 for \$2.25; 25 for \$4.25, postpaid.

TREAT BULBS WITH SEMESAN BEFORE PLANTING.

The cost is only a few cents a dozen. 2 oz. can, 50c. Not mailable.



Gold Gladiolus.

CRIMSON GLOW. See colored plate inside back cover. The name is the best description of its color. It has straight spikes of many flowers, which open 4 or 5 at once. This habit makes it a wonder variety for cut flowers. We consider this the best red variety. Each, 15c; 6 for 70c; 12 for \$1.35; 25 for \$2.50, postpaid.

EVELYN KIRTLAND. A beautiful shade of rose-pink, darker at the edges, fading to shell pink at the center, with brilliant scarlet blotches on lower petals. Foliage not dense but supported by an erect stock; a little more than medium height; a good bloomer; many open at one time, all a glistening and sparkling lustre. Each, 15c; 6 for 80c; 12 for \$1.40, postpaid.

HALLEY. Salmon-pink with carmine-marked yellow throat; 4½ inch blooms. Very early. Each, 10c; 6 for 50c; 12 for 90c; 25 for \$1.60, postpaid.

HERADA. Very large flowers of pure mauve with deeper markings in the throat; borne on tall, straight spikes. An unusual color and a very effective cut flower. Each 15c; 12 for \$1.50.

MARY FENNEL. The petals are a deep lilac shading to a soft primrose-yellow throat. This color combination is beautiful. This is the prizewinner of all lavender varieties. Bulbs, 10c each; 6 for 50c; 12 for 90c; 25 for \$1.50, postpaid.

NIAGARA. A wonderfully beautiful Gladiolus. The flowers are a delightful shade of cream with the two lower petals shading to canary yellow. The throat and petal edges are attractively splashed carmine rose. Each, 8c; 6 for 40c; 12 for 75c; 25 for \$1.25; 100 for \$4.75.

MRS. FRANCIS KING. A distinctive shade of flame pink especially beautiful under artificial light. Next to America, the leading decorative variety in the florist trade. Each, 5c; 6 for 25c; 12 for 45c; 25 for 85c; 100 for \$3.00, postpaid.

PEACE. Giant glistening white, marked with a line of lilac on the lower petals. Each, 10c; 6 for 50c; 12 for 95c; 25 for \$1.75, postpaid.

GOLD. This wonderful yellow Glad has been the center of attraction at many flower shows. Pure golden yellow flowers, wide petals, recurved tips. It has as many as nine open at a time; 18 to 20 flowers on each spike. A vigorous grower, 3½ feet high. Blooms early and is a grand variety. Winner of first prize at Boston show in 1925. Each, 25c; 3 for 65c; 12 for \$2.25, postpaid.

GOLDEN MEASURE. Very large, dark golden yellow. One of the very best yellow Gladioli. Note color page inside back cover. Each, 20c; 6 for \$1.00, postpaid.

LE MARECHAL FOCH. Rose pink, a deeper and richer color than America. A heavy grower and a large-flowered variety; a fine cut flower, and the best deep-pink. Blooms very early. Each, 10c; 6 for 50c; 12 for 90c; 25 for \$1.60, postpaid.

MRS. LEON DOUGLAS. See colored plate inside back cover. Begonia rose, delicately striped flame and scarlet, lip pale lemon speckled with ruby. Tremendously large flowers, many open at a time. Very tall, often growing 5 to 6 feet high. Considered the largest Gladiolus in existence and wonderfully beautiful. Each, 50c; doz., \$5.00.

MRS. FRANK PENDLETON. One of the most exquisitely-colored kinds on our entire list. Very large flowers of delicate pink contrasting finely with the great splash of vivid scarlet on the lower petals. Each, 10c; 6 for 50c; 12 for 90c, postpaid.

PRINCE OF WALES. Large well-opened flowers of clearest salmon but with old-ivory throat, delicately flushed with salmon-rose. The stalks take up water well, the buds unfold to the very tips and many are open at one time.

In season it is very early, blooming with Panama and Halley. We cannot speak too highly of this fine new Gladiolus. Bulbs, each, 15c; 6 for 75c; 12 for \$1.50; 25 for \$2.75.

PURPLE GLORY. See colored plate inside back cover. This is not a true purple color as the name implies, but a rich, velvety maroon, exceedingly ruffled. It is perhaps the most beautiful dark variety of Gladiolus in culture today. Each, 20c; 6 for \$1.00, postpaid.

OLDS' BEAUTIFUL GLADIOLI



Gladiolus, Schwaben.

ROSE ASH. See colored plate inside back cover. Peculiar soft old rose tones fading to ashes of roses on the outer edges of petals; lower petals light yellow speckled with ruby; finely fluted and ruffled. Wonderful in form and color.

Flowers 5 inches in diameter, very strong spikes 5 to 6 feet high; flowers well set on tall, straight spikes. A magnetic flower that always attracts the eye. Each, 10c; 6 for 50c; 12 for 90c, postpaid.

1910 ROSE. Pure rose-pink of extra fine shade; narrow white lines through center of lower petals. A vigorous grower very much desired for cut flowers. Second early blooming just after Halley. Each, 15c; 3 for 40c; 12 for \$1.45, postpaid.

SCARSDALE. Lavender, tinted with old rose. Extra fine. Each, 10c; 6 for 50c; 12 for 90c; 25 for \$1.50, postpaid.

TYRIAN BEAUTY. Beautiful large flowers almost the color of American Beauty Rose. Blooming season is second early, a little ahead of Mrs. Francis King. The flowers open wide, five or more usually open at the same time, and as many more the second day after they are cut.

Very attractive and unexcelled as a cut flower variety. The flowers are well supported by vigorous growing stems and its habit of growth is straight and symmetrical. Each, 25c; 3 for 60c; 12 for \$2.25, postpaid.



Rose Glory.

ROSE GLORY. Clearest rose pink color with deeper throat. A very large, ruffled variety, extremely fine. Each 20c; 6 for \$1.00; 12 for \$1.90, postpaid.

WAR. Giant blood-red, shading to crimson black in throat, but without other markings. 10c each; 6 for 50c; 12 for 95c; 25 for \$1.75, postpaid.



OLDS' SUPERB MIXTURE. The gladioli in this mixture are a blending of many colors, including most of our named varieties together with many new seedlings. The gladiolus more than any other flower will express your kind thoughts and sentiments. No choicer cut flowers can be wished for, while as a showy display in the garden they are supreme.

6 for 25c; 12 for 40c; 25 for 75c; 100 for \$2.25, postpaid.

OLDS' SUPERB DAHLIAS



Sylvia.

SYLVIA. (Show Type.) The most satisfactory flower for cutting. Very pretty, soft shell-pink with full white center. An early and profuse bloomer. Each 20c; 6 bulbs for \$1.00, postpaid.

BLUE OBAN. (Show Type.) Fawn deepening to mauve and showing a decided shade of blue. Not really a blue but the closest approach to it in dahlias. Each, 35c; 5 bulbs, \$1.40, postpaid.

FLORAL PARK JEWEL. (Show Type.) We consider this the best red show variety. Plants are tall and straight, producing many large flowers on long stems. This makes it excellent for cut flowers. The flowers are of a purple-red shade, striped and tipped with white. You must see a plant in blossom to appreciate its wonderful and vivid beauty. Makes a fine combination planted with Princess Victoria. Each, 25c; 6 bulbs, \$1.25, postpaid.

QUEEN OF HEARTS. (Cactus Type.) A beautiful flower of glistening white, with upstanding petals which are tinted with canary yellow at the base. Each 20c, 5 for 80c, postpaid.

MAUD ADAMS. White, overlaid with clear, delicate pink. Blooming so profusely that the plants are a veritable bank of flowers. The best white of the show dahlia class and the best for cut flowers on account of its long stems. Each, 50c; 6 for \$2.25, postpaid.

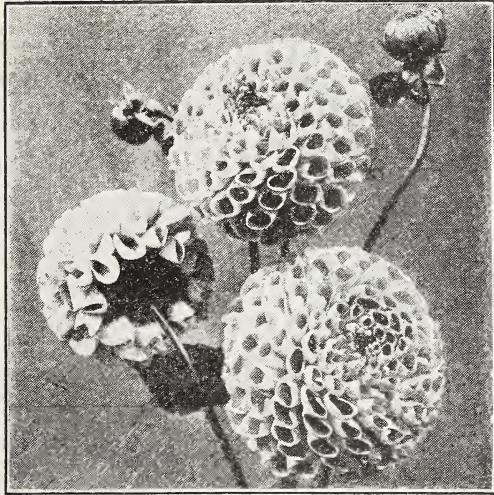


OLDS' FINEST MIXED DAHLIAS. A mixture of choice named varieties showing every shape, size and color to be found in dahlias. Without seeing our mixed dahlias in the field you cannot fully appreciate the exquisite harmony of shades represented in this gorgeous mixture.

Each year as we add new varieties of dahlias to our list these same varieties are added to our mixture so that the assortment becomes better and better each year. It is entirely made up of worthy named varieties. 3 bulbs for 45c; 6 for 75c; 12 for \$1.25; 50 for \$4.50, postpaid.

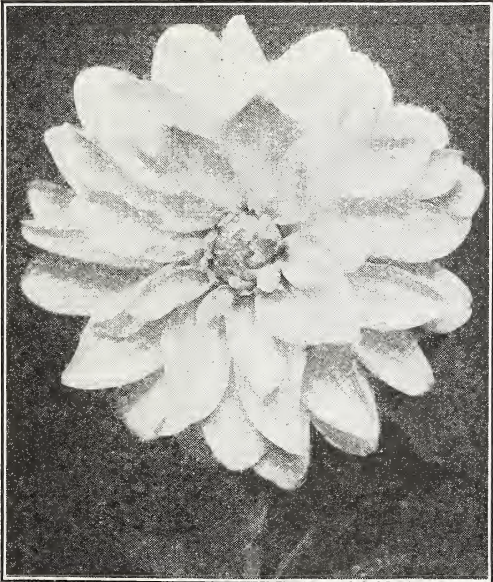
OLDS' SUPERB DAHLIAS

PINK SHADES OF DAHLIAS.



A. D. Livoni.

A. D. LIVONI. (Show Type.) Although new varieties are being introduced each year Livoni is one of the old time-tried varieties that stays. The perfect flowers with quilled petals, which nearly overlap at the ends, have made this variety a great favorite. The color is rose-pink. Bulbs, each, 35c; 5 for \$1.40, postpaid.



Frank A. Walker.

FRANK A. WALKER. (Decorative Type.) A new decorative variety of vigorous habit. The flowers are a charming shade of deep lavender pink, with long stems. Each, 25c; 6 for \$1.25, postpaid.

PRINCESS MARY. (Peony Type.) A graceful flower of a lovely solferino pink. Flowers are large peony-shaped and are held erect above the foliage on long wiry stems. Each, 25c; 5 for \$1.00, postpaid.

JUDGE MAREAN. This giant is produced on long, heavy stems. The plant is vigorous and free blooming. The flowers are full and massive and the petals heavy. A glowing salmon pink, with tints of orange and gold. Each, \$1.25; 3 for \$3.50, postpaid.

WHITE DAHLIAS.

BARON DE GANCY. (Peony Type). The flowers are white with yellow centers. A very good grower with long stems. Bulbs, each, 25c; 5 for \$1.00, postpaid.

ROBERT BROOMFIELD. (Show Type). A pure white. Very large flowers. Free bloomer and a good cut-flower. Very long stems. Each, 25c; 6 for \$1.25, postpaid.

SNOW FLAKE. (Single Type). Very free-flowering; pure white. The finest white yet introduced. Each, 25c; 5 for \$1.00, postpaid.

MADONNA. (Decorative Type). A perfect wonder. The flowers are borne in profusion upon long graceful stems of wiry stiffness making it one of the most desirable. A very beautiful white. Each, 50c; 6 for \$2.25.

RED SHADES OF DAHLIAS.



Mina Burgle.

MINA BURGLE. (Decorative Type). Beautiful deep glowing. Finest crimson variety in existence. Good for cut flowers, having long stems. An extra free-flowering sort. Bulbs, each 25c; 5 for \$1.00, postpaid.

SOUVENIR DE GUSTAVE DOAZON. (Decorative Type). Orange red. The largest dahlia in existence. The color is a pleasing shade of orange-red. Flowers are full to the center and often measure 9 inches and over in diameter; they can be forced to measure over 12 inches. The plant is a very tall, vigorous grower, with heavy, dark, glossy, green foliage and a remarkable constitution. Very long stems of pleasing, stiff, upright type. Should be in every garden. Each, 25c; 6 for \$1.25.

J. H. JACKSON. (Cactus Type). An exceptionally satisfactory dahlia, fine for massing or for cut flowers. Gigantic blooms of the straight petalled type. Velvety maroon black. Each, 35c; 5 for \$1.40, postpaid.

YELLOW SHADES OF DAHLIAS.



Princess Victoria. (Show Variety.)

PRINCESS VICTORIA. (Show Type.) Bright canary-yellow show dahlia and one of the most free flowering. Regularly quilled blooms. Each, 35c; 5 for \$1.40.

BRONZE BEAUTY. (Show Type.) Medium to large, of a beautiful golden-orange, spotted with bronze. A wonderful show dahlia. Each, 25c; 6 for \$1.25, postpaid.

OLDS' CANNAS

Five GRAND CANNAS That Stand Above All Others.



Canna, The President.

THE PRESIDENT. Four feet. This immense new flaming scarlet has come into wider use more quickly than any other Canna. It is an offspring of the famous Firebird. The President leads the red varieties in the quality and also the quantity of its bloom. Flowers are 7 inches across; individual petals firm and long-standing; trusses standing up stiff on strong stems. The foliage is rich green and burn-proof in the hottest weather. Bulbs, 20c each; 12 for \$1.85, postpaid.

KING HUMBERT. Red. This remarkable Gold Medal Canna has been the sensation of the past ten years and is a great favorite today. It is a cross between the orchid-flowering and the French, or Crozy type, combining the large flowers of the one with the free-blooming character of the other, with handsome, broad, tropical foliage. Scarlet flowers; bronze leaves. Each, 20c; 12 for \$1.85, postpaid.

YELLOW KING HUMBERT. Four feet. An orchid-flowering sport of the well-known King Humbert. Has the same habit of growth as its parent; foliage a very dark green, with flowers measuring 5 to 7 inches across; individual petals measuring 3 to 3½ inches in diameter. Flower a deep rich yellow, softly spotted and blotched with bright red. Some plants occasionally give a scarlet or scarlet striped flower, which we consider an improvement rather than an objection. Each, 20c; 12 for \$1.90, postpaid.

MRS. ALFRED CONARD. One of the very best Cannas in commerce today. The large, exquisitely shaded salmon-pink flowers are produced in great abundance on robust, upright stalks. We consider this superior to all other pink Cannas. Four feet. Each, 25c; 12 for \$2.25, postpaid.

APRICOT. Four feet. The color is a buff-yellow base overspread with salmon-pink, making a mass effect of rich apricot. The chief characteristic of this flower is its marvelous durability, for it stands heavy rain and hot sun better than any other Canna we know of. We recommend it highly. Each, 25c; 12 for \$2.25.

One Bulb each of above Five Cannas for 90c, postpaid.

25 Bulbs, your choice of above Cannas, \$3.50, postpaid.

GINNAMON VINE.

A quick growing hardy climber, with glossy heart-shaped leaves and fragrant flowers. For best effect, plant in groups of three. 3 for 45c; 12 for \$1.60; 25 for \$3.00, postpaid.

TUBEROSE.

The sweetest scented flower that grows and altogether one of the most charming. Easily grown.

DWARF PEARL.

Large, double wax-like flowers of purest white; orange-blossom fragrance. Each, 10c; 6 for 45c; 12 for 80c; 50 for \$2.50, postpaid.

MEXICAN.

Snow-white single flowers, delightfully fragrant. Begins to bloom much earlier than the Dwarf Pearl. Each, 10c; 6 for 40c; 12 for 75c; 50 for \$2.35, postpaid.

FALL BULBS

Tulips, Crocuses, Hyacinths and Narcissi should be planted in the fall. These are the first flowers to bloom in the spring, and should have a place in every flower garden. They offer a pleasing assortment of color and warmth when the rest of the landscape is bare. Our Fall Catalog will be ready about August 1st and will be sent free on request. Just note this on your order or send your name on a separate slip and a copy will be sent.



Dwarf Pearl Tuberose.

OLDS' HARDY PHLOX

MISS LINGARD.

White with faint lilac eye. Free-blooming May to October. Choice plants. Each, 30c; 3 for 80c.

R. P. STRUTHERS.

A smooth blending of rosy-carmine with salmon. Darker eye. Fine large truss. Our best seller. Each, 25c; 3 for 60c.

SIEBOLD. Orange scarlet with red eye. Very fine. Each, 30c; 3 for 80c.

R H EINLANDER. A salmon pink with red eye. Each, 25c; 3 for 60c.

MRS. JENKINS. A pure white. Each, 25c; 3 for 60c.

BARON VON DEDEM. The best bright scarlet. Each, 25c; 3 for 65c.

UNIVERSITY OF WISCONSIN. Rosy magenta. A strong grower. Each, 35c; 3 for 80c.

WIDAR. Dark violet, tinted red with a white eye. A very beautiful and striking



Bridesmaid Phlox.

combination of colors. Each, 30c; 3 for 80c.

BRIDESMAID. Tall white with crimson eye. Each, 25c; 3 for 60c.

OLDS' PHLOX COLLECTION

One of each of the above nine varieties for \$2.00, postpaid.

MIXED PHLOX. An assortment of many good varieties in mixed colors. Specially fine for landscape or foundation plantings. 3 for 40c; 6 for 75c; 25 for \$3.25.

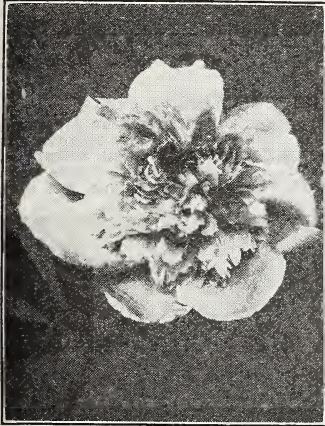
OLDS' PEONIES

The percentage figure preceding each variety indicates the rating given by the American Peony Society.

We have arranged the peonies in three groups. By selecting some from each group the blooming season may be extended over a period of six weeks.

PLEASE NOTE. Peonies and Iris should be planted either early in the spring or in the fall. All orders received before April 25th will be shipped at once or when weather permits digging. Orders received after that date will be held and sent out about September 1st.

EARLY BLOOMING PEONIES.



Duchess De Nemours Peony.

Crown type, pure white, with a sulphur white collar. An early variety. A very vigorous grower throwing clusters of fragrant bloom. One of the best whites. Each, 75c; 3 for \$1.90.

LATE BLOOMING PEONIES.

MARIE LEMOINE. Compact round flower of rose type, very late. Color white, with cream white center. Each, 75c.

RUBRA SUPERBA. Large, compact; deep rose crimson. One of the best late varieties of its color. Each, 75c, postpaid.

81% LIVINGSTON. Large rose type; pale lilac-rose, silver tipped with carmine spots, late, tall, compact, free bloomer, slightly fragrant. Each, \$1.50, postpaid.

OLDS' IRIS

MOTHER OF PEARL. One of the most recent introductions and the very finest Iris. The price thus far has been rather high but now it is within reach of most everyone. It really should be in every perennial garden. Pale bluish-lavender, with a faint creamy undertone. Large flowers of perfect form and exceptional substance. The creamy undertone often assumes the luster and iridescence which we see in the beautiful lining of sea shells which produce mother of pearl. The plant is tall, a vigorous grower, and a profuse bloomer. Each, 50c, postpaid.

MADAM CHEREAU. The stately, pure-white flowers are bordered and laced with brightest blue. Each, 25c; 3 for 70c, postpaid.

LOHENGRIN. A rare and attractive shade of mauve pink, blending well with Madam Chereau when the two are cut together. Each, 25c; 3 for 70c, postpaid.

RHEIN NIXE. A charming Iris. Rich raspberry purple and white. Each, 25c; 3 for 70c, postpaid.

OLDS' MIXED IRIS

Iris roots usually sell at from 20 to 50 cents each. We offer Olds' Mixed Iris, first size and first quality as follows: Each, 10c; 3 for 25c; 12 for 75c, postpaid.

OLDS' SUNBEAM IRIS COLLECTION

Five Choice Iris Bulbs for \$1.10, postpaid. Olds' Sunbeam Iris Collection consists of one bulb each of the following varieties:

Mother of Pearl. Pale bluish lavender.

Madam Chereau. Pure white, laced with blue.

Lohengrin. Mauve pink.

Rhein Nixe. Raspberry purple and white.

Sherwin Wright. Golden yellow.

This is a very fine collection of lovely Iris and should not be overlooked when placing your order.

MIDSEASON PEONIES.

86% M. JULES ELIE. This is considered the most beautiful of all peonies. The flowers are of immense size, globular in shape. The color is a glistening lilac-pink, shading to rose at the base. The whole flower is overlaid with a sheen of silver, sparkling like dew. One of the best for cut-flowers; a good keeper. Each, \$1.25; 3 for \$2.25.

84% FELIX CROUSE. Rich, even, ruby-red. One of the few red peonies showing no trace of purple or violet. Blooms in clusters. Probably the best red. Each, 85c; 3 for \$2.35.

93% FESTIVA MAXIMA. Big, globular masses of pure white bloom, the inner petals slightly tinged with crimson. These handsome flowers are borne on tall, sturdy, branching plants of vigorous growth. Festiva Maxima is probably the most popular of all peonies and by many considered the most nearly perfect. Each, 75c; 3 for \$1.90.

COLLECTIONS OF PEONIES.

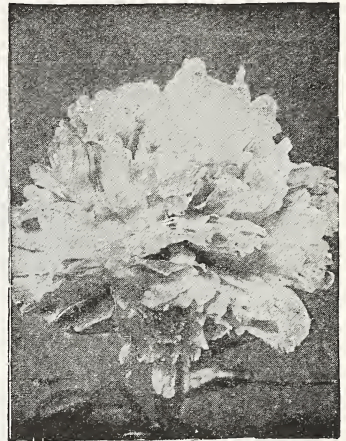
One Each of the 3 Early Blooming Peonies, \$2.00, postpaid.

One Each of the 3 Midseason Peonies, \$2.50, postpaid.

One Each of the 3 Late Blooming Peonies, \$2.50, postpaid.

One Each of the Entire 9 Varieties, \$6.75, postpaid.

MIXED PEONIES. We offer a fine lot of mixed roots to those who wish to use the unnamed sorts in large quantities for landscape work. These produce just as nice blossoms as the named ones, but are not as valuable to the trade as they cannot be identified. 3 for 85c; 6 for \$1.60; 12 for \$3.00, postpaid.



Festiva Maxima Peony.



Sherwin Wright Iris.

SHERWIN WRIGHT. A vigorous, free-blooming, golden yellow Iris, without markings or shadings. Each, 20c; 3 for 50c, postpaid.

OLDS' HARDY FLOWERING PERENNIALS

There has been a constantly increasing demand in recent years for Perennial Plants. To meet the demand we have expanded this section of our business. We have arranged the plants in three groups. Early Blooming, Summer Blooming, and Late Blooming. We are quoting prices on threes as well as for single plants. It really takes three plants of a kind to make a showing. All plants are large, field grown roots.

OLDS' EARLY BLOOMING PERENNIALS



RED ORIENTAL POPPY. For a dazzling display of rich and brilliant coloring no other flower can equal the vivid orange scarlets of the Oriental Poppies. Easily established and perfectly hardy. 36 inches in height. Each, 30c; 3 for 75c.

MRS. PEREGRINE. Like the red poppy in growth but a beautiful salmon in color. Each, 35c; 3 for 90c.

LULU A. NEELEY. Hairy, grayish colored foliage, stout stems and medium sized, cup shaped,

brilliant red flowers. New and one of the best Oriental poppies. Each, 45c; 3 for \$1.10, postpaid.

PYRETHRUM. (Persian Daisy.) The fernlike foliage is attractive and the flowers ranging from pure white through shades of pink are beautiful on the plant, also as cut flowers. 20 to 24 inches tall. Each, 30c; 3 for 70c, postpaid.

LINUM. (Flax.) Perenne Blue. During the late spring and early summer a group of these will be a mass of blue



Lupines

in the morning, the flowers drooping about ten o'clock, revealing the beautiful foliage, to be followed by another mass of blue the next morning. For the border or rockery. Height, 2 feet. Each, 30c; 3 for 70c.

LUPINUS. (Washington Lupine.) Lupines seem to prefer a somewhat acid soil, either in the open or light shade. They are particularly effective in mass plantings in the border, or naturalized along streams, or open woodlands. Our mixed colors are a combination of Harkness strains and contain some wonderful colors of pink, rose, cream, blue and white. June, July, 2-3 ft. Mixed hybrids of blue, white and rose. Each, 25c; 3 for 65c.

RANUNCULUS. (Buttercup.) Acris. Very pretty double yellow flowers on stems 16 to 18 inches high. May and June. Each, 30c; 3 for 70c, postpaid.

BLEEDING HEART. Long drooping racemes of heart-shaped flowers. Each, 70c; 3 for \$2.00, postpaid.

LILY OF THE VALLEY. Sprays of drooping waxy-like, perfumed bells. Succeeds anywhere, but prefers shade. Spreads and increases yearly. Large clumps. Each, 30c; 3 for 70c, postpaid.

HARDY FERNS.

We offer five-year-old plants direct from the far north where they grow very large and withstand any temperature. Prices, all of the Hardy Ferns. Each, 25c; 3 for 65c.

FLOWERING FERN. This is clothed with loose wool, when unfolding its fronds. Usually grows four feet high

or more; a beautiful cinnamon shade. This variety also does well in the open or dry, shady places.

OSTRICH PLUME OR PALM OF THE NORTH. This is a fine variety. Grows faster than any other fern. It often has as many as fifteen fronds, and usually attains a height of four feet; beautiful cinnamon shade. This variety does well in the open or in dry, shady places.

LADY FERN. A large, handsome fern of the woods, presenting many varied forms. Smaller and of finer foliage than the Ostrich Plume.



Spectabile Lady Slipper.

CYPRIPEDIUM.

No orchid is more beautiful than our native varieties of Lady Slipper or Cypripedium. Especially effective planted in partial shade in combination with native ferns.

PUBESCENS (Yellow Lady Slipper.) Does well in any rich, partly shaded location. Yellow slipper and brown-purple petals. May and early June. This is the easiest to grow of the Lady Slippers. Each, 35c; 3 for 85c.

SPECTABILE (Showy Lady Slipper.) This is the finest and most showy of all orchids. It grows up to 2 ft. high, bearing along the stalks several rather roundish leaves, and on top one or two quite large rose-purplish or magenta and white flowers. Does exceedingly well in a moist and partially shaded bed of peat or leaf loam. Nothing can be more charming than masses of this beautiful orchid. Each, 35c; 3 for 85c, postpaid.

MERTENSIA. (Virginia Cowslip.) One of the earliest of spring wild flowers. The bluish-green shoots and leaves are quickly followed by delicate pink buds and beautiful bell-shaped light blue flowers. Leaves disappear entirely for the rest of the year after flowering season, so it is well to plant it in connection with a bed of ferns. Each, 20c; 6 for \$1.00; 100 for \$12.00, postpaid.

MEMORIAL DAISY. In bloom by Decoration Day. 15 to 20 inches in height. Each, 25c; 3 for 60c.

HEUCHERA SANGUINEA. (Corallbells.) Beautiful plants for front row of borders, with slender, fairy-like spikes of richly colored flowers; most striking in the garden and light and graceful for cutting. 12 to 18 inches. June to September. Flowers bright crimson; very free-flowering. Excellent for rock garden. Each, 70c; 3 for \$1.90.

COMPLIMENTARY OFFER

With all orders for Hardy Perennial Plants selected from pages 79 to 81 of our catalog and amounting to \$4.00 or over we will include free two 25c Perennial Plants of your own choice. Be sure and mention your selection.

OLDS' HARDY FLOWERING PLANTS

SUMMER BLOOMING PERENNIALS



Aquilegia or Columbine.

AQUILEGIA. (Columbine or Honeysuckle.) One of the most graceful and dainty of hardy perennials with its delicately tinted bird-like blossoms on their slender stems, bowing and nodding in the breeze. The long-spurred flowers show shades of blue, mauve, cream, pink, red and yellow in a charming series of color blends. Well-rooted plants in mixed colors only. Each, 30c; 3 for 70c.

COREOPSIS. Sometimes called Yellow Daisy. Borne on numerous stems in great profusion nearly all summer. Each, 25c; 3 for 60c.

GLOVE PINKS. Perfectly hardy and flowering continuously from spring until late fall if the flowers are removed when they begin to fade. Their spicy fragrance rivals their brilliant colors, varying from pure white to the richest crimson, many being beautifully striped and laced. Each, 30c; 3 for 70c.

CANTERBURY BELLS. Biennial. Great pillars of bloom in rose-pink, blue and white. Mixed colors only. Each, 25c; 3 for 70c; 12 for \$2.25, postpaid.

CENTAUREA. (Globe) Macrocephala. Big heads of thistle-like flowers blossoming in July. Plants 4 to 5 feet high. The brown, globe-shaped buds are very ornamental. Each, 25c; 3 for 60c.

DELPHINIUM. Gold Medal Hybrid. (Larkspur.) Perhaps the most beautiful hardy plant in cultivation. Great pillars of bloom, sometimes 8 feet tall, of every shade of blue, and increasing in size and beauty yearly. Each, 30c; 3 for 75c, postpaid.

DELPHINIUM. Belladonna. Sky blue. A continual bloomer. Each, 30c; 3 for 75c.

DELPHINIUM. English Hybrids. Very rare and beautiful. Each, 35c; 3 for 90c.

DELPHINIUM. Summer Cloud. White. Strong growing plants with large single white flowers. The flowers of the "Summer Cloud" are at least 1½ inches across. Each, 75c; 3 for \$2.00.

PLATYCODON. Balloon Flower. Closely related to the Campanulas. Attractive, open, bell-shaped flowers and buds that look like little balloons. Blue or white. July. 24-30 inches. Each, 30c; 3 for 70c.

GYPSOPHILA, OR BABY'S BREATH. Paniculata Composita. When in bloom in August and September, it forms a symmetrical mass 2 to 3 feet in height and the same in diameter; of minute white flowers having a beautiful gauze-like appearance. Each, 30c; 3 for 70c, postpaid.

FUNKIA. (Plaintilly.) Lanceolata. Lilac flowers blossoming in September. 18 to 24 inches in height. Each, 35c; 3 for 90c.

RUDEBECKIA. Purpurea. (Purple Cone Flower.) Grows 3 to 4 feet high. August and September. Large, striking, pinkish-purple flowers. Also known as Echinacea Purpurea. Each, 25c; 3 for 60c.



DAISY. Shasta. Burbank's great introduction. 4 to 5 inches across. Each, 30c; 3 for 70c, postpaid.

DAY LILY. Tawny. These well known flowers are among the more popular perennials. The large trumpet shaped flowers of coppery-orange, shaded red, are carried on stems three or four feet tall, blooming profusely in July. Each, 25c; 3 for 60c; 12 for \$2.00, postpaid.

GOLD DUST LILY. Large, clear yellow flowers blossoming in June. Each, 25c; 3 for 60c; 12 for \$2.00.

HARDY LILIES. See page 84.

FOX GLOVE. (Digitalis.) A biennial, but renews itself from self-sown seed. Stately and dignified old-time flowers growing on tall stalks. The inflated, tubular blossoms are of very striking beauty. Each, 30c; 3 for 70c.

HOLLYHOCKS. Double Mixed. These stately old-time favorites, full of sentiment and beauty, bear large, perfectly-formed flowers in many lovely colors and shades. 20c each; 3 for 50c, postpaid.



Hardy Perennial Gaillardia.

GAILLARDIA. (Blanket Flower.) One of the most satisfactory of tall hardy perennials. The large brown center is surrounded by petals marked with concentric rings of brilliant crimson, scarlet, orange and vermillion. One of the few perennials which is always in blossom. 2 to 3 feet in height. Each, 25c; 3 for 60c; 12 for \$2.00.

OLDS' LATE BLOOMING PERENNIALS.

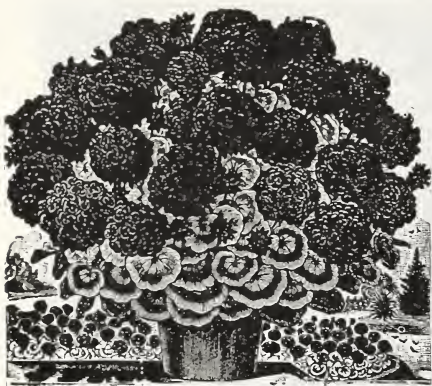
STATICE. Latifolia. Large flat heads of tiny purplish-pink flowers. May be dried and kept for months. Blooms in August and September. Grows 18 to 24 inches. Each, 30c; 3 for 70c.

SEDUM. Spectabile. Growth from 12 to 18 inches high. Useful in rockery, and valuable in the perennial border for the foliage is pleasing during the summer and the large flat heads of pink flowers are showy in September. Will do well in the sun or shade. Each, 30c; 3 for 70c.

DAISY. Giant. Great white daisies on swaying 4 foot stems. Each, 30c; 3 for 70c.

OLDS' HOUSE AND DECORATIVE PLANTS

All plants offered on this and the following two pages will be sent direct from our growing station in Ohio and not from Madison. We guarantee choice plants. All prices include postage.



Double Flowering Geranium (Missouri).

OYAMA PLANT FOOD.

A Wonderful Japanese Discovery.
Prices: House Plant Size, (makes 6 gallons), 25c; by mail, 30c. Garden Size, (makes 32 gallons), \$1.00; by mail, \$1.10.
(Note—Oyama is not licensed for sale in Wisconsin. Wisconsin customers order Watch-Em Grow. See page 92.)



Christmas Cactus.

CHRISTMAS CACTUS. An early-flowering crimson-scarlet variety, with long drooping flowers. Price, 40c.

WAX PLANT. (Desert Plant.) Resembles bryanthemum. Suitable for hanging baskets; also for a pot plant. Beautiful pink flowers. 25c each; 3 for 70c, postpaid.



Pink Wax Plant.



Porch Hydrangea, Bouquet Rose.

DOUBLE BEDDING GERANIUMS.

MISSOURI. Rich, brilliant crimson. Large trusses. 25c each; 3 for 72c; 12 for \$2.40.

JEAN OBERLE. Semi-double, exquisite peach-pink. 25c each; 3 for 72c; 12 for \$2.40.

MME. BARNEY. Compact. Bright, deep pink. 25c each; 3 for 72c; 12 for \$2.40.

MD. CHARLOTTE. Trusses peach-pink. 25c each; 3 for 72c.

BEAUTE POITEVINE. Rich salmon pink. 25c each; 3 for 72c.

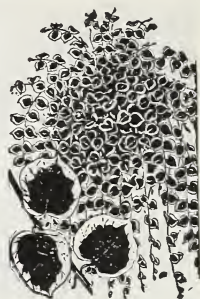
MRS. LAWRENCE. Salmon rose. 25c each; 3 for 72c; 12 for \$2.40.

FIREBALL. Bright dazzling scarlet. 25c each; 3 for 72c; 12 for \$2.40.

JEAN VIAUD. Bright rosy-pink. Dwarf. 20c each; 3 for 57c.

MADAME BUCHNER. Flowers purest white. 20c each; 3 for 57c; 12 for \$1.92.

AMERICAN BEAUTY. Resembles the American Beauty Rose. 25c each; 3 for 72c; 12 for \$2.40.



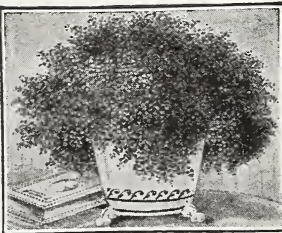
Trailing Vinca.

TRAILING VINCA. The leaves of this beautiful plant are a glossy green, broadly margined a creamy white; flowers blue. Admirably adapted for hanging baskets. 18c each; 3 for 52c.



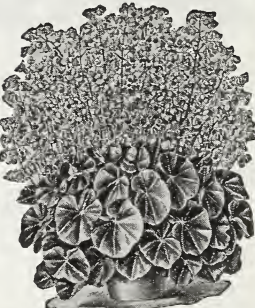
Mammoth Rex Begonia.

BABY TEARS. (Irish Moss.) (Helixine.) A compact, dense growing plant with miniature leaves, similar to a fine moss. A most attractive plant for cool, damp corners out of doors. Likes a good, loamy soil. Nice plants, 30c each; 3 for 72c.



Baby Tears.

GIANT PAINTED LEAF BEGONIA. (Begonia, King or Rex.) In no other class of plants do we find the rich, metallic foliage and colors. 40c each, postpaid.



Beefsteak Begonia.

'HOUSE PLANTS'

A 36-page illustrated book by Prof. J. G. Moore, Horticulturist, Wisconsin College of Agriculture. Free on request with a plant order amounting to \$1.00 or over.



Weeping Lantana.

BEEFSTEAK BEGONIA. (Feastii.) Low, spreading begonia, finest for house culture. 35c each; 3 for \$1.00; large plants, 50c each.

WEeping LANTANA. Grows very rapidly and blooms continually summer and winter, producing clusters of rosy-pink flowers. 25c each; 3 for 72c.

PORCH HYDRANGEAS.

BOUQUET ROSE. Very attractive deep rosy-amber turning to bright red. 38c each; 3 for \$1.08.

MADAME EMIL MOUILLERE. Purest white flowers over two inches in diameter. 38c each; 3 for \$1.08; 12 for \$3.65.

BLUE BELL. Exquisite Plumbago blue. Flowers large. 38c each; 3 for \$1.08; 12 for \$3.65. Larger size, 75c each.

MRS. E. G. HILL. Large flowers, rich cerise-pink. 38c each; 3 for \$1.08; 12 for \$3.65. Larger, 75c each.

HARDY GARDEN CARNATIONS.

HER MAJESTY. A new variety of pure white. Very double. 30c each; 3 for 85c; 12 for \$2.88.

ABBOTTSFORD. Flowers rich rose-red, shading darker in the center. 30c each; 3 for 85c.

ELSIE. Exquisite flowers of bright rose, shaded with maroon at center. 30c each; 3 for 85c.

CRIMSON KING. The color is a rich crimson and it is deliciously fragrant. 40c each; 3 for \$1.14; 12 for \$3.85.



Carnation, Crimson King.



DECORATIVE FERNS

Prices, all varieties: 30c each; larger size, 50c; extra large size, 75c and \$1.00, postpaid.

CAMPACTA. The ostrich plume fern. Fronds often over 8 inches wide.

ROOSEVELT. Dense, massive fronds; erect in growth. Exceedingly graceful.

LACE FERN. (*Asparagus Plumosus*.) Fronds bright green, gracefully arched, finely woven. 30c each; 3 for 85c; larger plants, 60c.

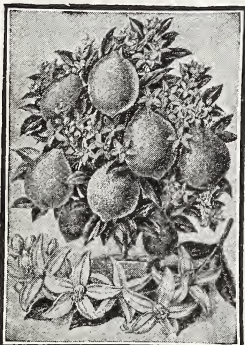
SILVER FERN. A very showy fern with variegated foliage. Fronds large, light green with broad band of silver-white down the center of each. Very distinctive. Should be in every collection of house plants.

MAIDEN HAIR FERN. Long graceful fronds with the ends developed into bunchy tasseled heads. A distinct and lovely variety.

MOSS FERN. Beautiful upright-growing Moss, numerous feathery stems. 12 to 18 inches.

AMERICAN WONDER

LEMON. A true ever-bearing Lemon. Excels ordinary Lemons for making pies, fruit sometimes weighing over four pounds. Of easy culture, flowering and fruiting in ordinary soil. 30c each; 3 for 85c. Large plants, 75c and \$1.25 each. (Notice: Lemon plants can not be shipped into the following states: Ala., Ariz., Calif., Fla., Ga., La., Miss., Texas, and S. Car.)



American Wonder Lemon.

OSTRICH PLUME CHRYSANTHEMUMS.

RED OSTRICH PLUME. Strikingly beautiful in color and character of flower. The only one of its type in cultivation. 30c each; 3 for 85c; 12 for \$2.88.

WHITE OSTRICH PLUME. A strong grower of good habit. Considered the best pure white of its type. 30c each; 3 for 85c; 12 for \$2.88.

PINK OSTRICH PLUME. Beautifully incurved petals. Flowers of good size, a delightful, lavender-pink shaded with silver-pink. 30c each; 3 for 85c.

YELLOW OSTRICH PLUME. Exquisite globular form, somewhat plumed. Flowers good size, bright golden yellow. 30c each; 3 for 85c.

EXHIBITION CHRYSANTHEMUMS.

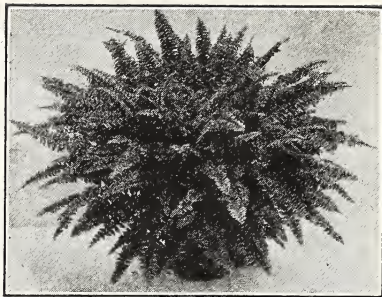
MINNIE BAILEY. The immense flowers are soft pink in color. A vigorous grower. 24c each; 3 for 68c; 12 for \$2.30.

HARVARD. Rich crimson. Large blooms, very showy. 24c each; 3 for 68c; 12 for \$2.30.

GOLDEN QUEEN. Immense clear yellow flowers of the incurved type. 24c each; 3 for 68c.

BRONZE BEAUTY. A magnificent color of rich coppery-bronze. A wonderful variety. 24c each; 3 for 68c; 12 for \$2.30.

WHITE MISTLETOE. Flowers purest white, large and compact. 24c each; 3 for 68c.



Popular Boston Fern.

BOSTON FERN. A very rapid grower, producing fronds of unusual length. Most popular house plant.

Prices, same as other Decorative Ferns.



Mammoth Double Fuchsias.

FUCHSIAS.

Prices, all Fuchsias: 25c each; 3 for 72c; 12 for \$2.40.

PHENOMENAL. Immense double deep violet-purple flowers, reflexed petals, crimson.

GIANT BEAUTY. Dark, glossy green leaves veined crimson. Flowers light violet blue, veined crimson, sepals bright scarlet.

GLOIRE DES MARCHES. The corolla is very large and double—brilliant deep scarlet.

SPECIOSA. Deep scarlet, single flowers on long stems, waxy white tubes flushed salmon.

BLACK PRINCE. Single dark blue flowers changing to carmine.

GOLDEN LEAVED FUCHSIA.

WAVE OF LIFE. Golden foliage, flowers single dark purple.



Pansy Geranium, Easter Greeting.

PANSY GERANIUMS.

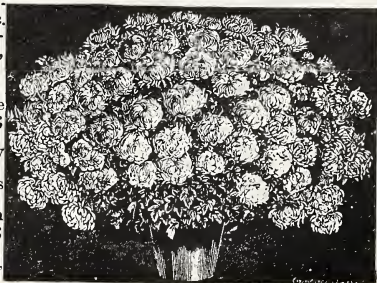
EASTER GREETING.

Fierly amaranth-red marked with a large, dark brown or black spot in the center. 45c each; 3 for \$1.28.

MRS. LAYAL. The original pansy Geranium. Extraordinary markings, light pink, white, dark purple, black, etc. 45c each; 3 for \$1.28.

LUCY BECKER. A very prolific bloomer. Very colorful rosy-pink flowers which resemble Easter Greeting. 45c each; 3 for \$1.28.

LIBERTY. Plants are literally covered with flowers. Extraordinary markings—light pink, white, dark purple, etc. 45c each; 3 for \$1.28.



Minnie Bailey Chrysanthemum.



Chinese Lantern Plant.

CHINESE LANTERN PLANT. Grown for the orange-scarlet lantern-like fruits that are gathered in the fall and serve as splendid decorations at Thanksgiving and Christmas time. Good, strong plants. Each, 30c; 3 for 70c; 12 for \$2.00.

SNAKE PLANT. A new and rare decorative plant. 40c each; 3 for \$1.14. Large plants, 70c each; 3 for \$2.00.



Snake Plant (Sansevieria).

OLDS' ROSES AND HARDY GARDEN LILIES

OLDS' MONTHLY BLOOMING ROSES.



Everblooming Rose, Red Radiance.

EVERBLOOMING ROSES.

RED RADIANCE. The vivid clear red blooms retain their brilliancy indefinitely. 1 yr., 28c; 3 for 80c. 2 yr., 70c; 3 for \$2.00.

MRS. AARON WARD. Magnificent coppery orange buds develop into flowers of pinkish fawn. 1 yr., 30c; 3 for 85c. 2 yr., 75c each.

PINK RADIANCE. Exquisite rose-pink buds open into globular flowers with lighter reflex. 1 yr., 25c; 3 for 72c. 2 yr., 70c; 3 for \$2.00.

REV. F. PAGE ROBERTS. Elegant orange-yellow blooms, perfectly formed. Wonderfully fragrant. 1 yr., 42c; 3 for \$1.20. 2 yr. \$1.25; 3 for \$3.56.

SUNBURST. Immense, highly colored golden yellow flowers. Fragrant. 1 yr., 30c; 3 for 85c. 2 yr., 75c; 3 for \$2.14.

WHITE KILLARNEY. Magnificent, beautifully shaped white flowers are of heavy texture. 1 yr., 32c; 3 for 90c. 2 yr., 75c; 3 for \$2.14.

ANGELUS. The beautiful snow white flowers are tinted with cream. 1 yr., 26c; 3 for 74c. 2 yr., 70c; 3 for \$2.00.

AMERICA. Immense blooms are a magnificent pink, peach, and delightfully fragrant. 1 yr. 28c; 3 for 80c. 2 yr., 75c; 3 for \$2.14.

AMERICAN LEGION. Gigantic blood-red flowers. Very fragrant. 1 yr., 30c; 3 for 85c. 2 yr., 70c; 3 for \$2.00.

COLUMBIA. Large blooms of peach-blow pink. Wonderful texture. 1 yr., 28c; 3 for 80c. 2 yr., 75c; 3 for \$2.14.

CRUSADER. Rich velvety crimson flowers of great substance are produced profusely. 1 yr., 30c; 3 for 85c. 2 yr., 65c; 3 for \$1.85.

ELDORADO. Orange-yellow buds are streaked with crimson. Flowers golden yellow. 1 yr., 30c; 3 for 85c. 2 yr., 75c; 3 for \$2.14.

CRUSS AN TEPLITZ. Gigantic flowers of great substance. Fiery crimson shading to maroon. 1 yr., 26c; 3 for 74c. 2 yr., 65c; 3 for \$1.85.

JONKHEER J. L. MOCK. An immense perfectly formed pink rose. Delightfully fragrant. 1 yr., 28c; 3 for 80c. 2 yr., 70c; 3 for \$2.00.

KAISERIN AUGUSTA VICTORIA. Buds long and pointed; flowers delicate pure white. 1 yr., 32c; 3 for 90c. 2 yr., 75c; 3 for \$2.14.



Hardy June Rose. Frau Karl Druschki.

HARDY JUNE ROSES.

FRAU KARL DRUSCHKI. Grand in fragrance, foliage and flower. Snow-white flowers. 1 yr., 35c; 3 for \$1.00. 2 yr., 85c; 3 for \$2.42.

VICK'S CAPRICE. Gigantic flowers of satin pink distinctly striped with carmine. 1 yr., 28c; 3 for 80c. 2 yr., 70c; 3 for \$2.00.

HARDY CLIMBING ROSES.

HARDY MARECHAL NIEL. (Rose Gardenia.) Almost an exact replica of Marechal Niel. Rich golden yellow. 1 yr., 26c; 3 for 74c. 2 yr., 70c; 3 for \$2.00.

SHOWER OF GOLD. An improved deep yellow climber. Metallic foliage. 1 yr., 30c; 3 for 85c. 2 yr., 70c; 3 for \$2.00.

DOROTHY PERKINS. Very double soft shell pink blooms are borne in clusters. 1 yr., 28c; 3 for 80c. 2 yr., 60c; 3 for \$1.70.



CLIMBING AMERICAN BEAUTY.

Hardy, strong growing, with foliage of bright glossy green. Blooms anywhere a porch rose will grow. Immense flowers of soft, glowing red. Unusually attractive, and delightfully fragrant. 1 yr., 25c; 3 for 72c; 12 for \$2.40. 2 yr., 75c; 3 for \$2.14.

OLDS' HARDY GARDEN LILIES.

LILIUM AURATUM. (Gold banded Japanese Lily.) Immense flowers of wonderful fragrance are produced from June to October. A clear golden band runs through the center of each pure white flower which is thickly studded with crimson spots. 48c each; 3 for \$1.37.

REGAL LILY. This extremely popular hardy garden lily possesses unusually beautiful coloring. Flowers are white with tinges of yellow and pink; Canary yellow throat shading to white and pink. 30c each; 3 for 85c; larger size, 40c each; 3 for \$1.14. Extra large bulbs, 50c and 60c each.

DOUBLE LILIUM TIGRINUM. One of the most popular Hardy Lilies. It produces an abundance of mag-

nificent, double, bright, orange-red flowers spotted with black. 42c each; 3 for \$1.20.

SINGLE LILIUM TIGRINUM. The grandest of the Tigris; black polished stems are topped with large pyramids of orange-red flowers spotted with black. 40c each; 3 for \$1.14.

LILIUM ALBUM. (White Jap Lily.) The best flowering of the pure white garden Lilies. Immense flowers are borne on good stems and contrast beautifully with the rich green foliage. 48c each; 3 for \$1.37.

LILIUM ROSEUM. (Rose Jap Lily.) One of the old garden favorites that blooms during August and September. Flowers are soft rose spotted crimson and mottled white. 46c each; 3 for \$1.32.



Gold Banded Lily Auratum.



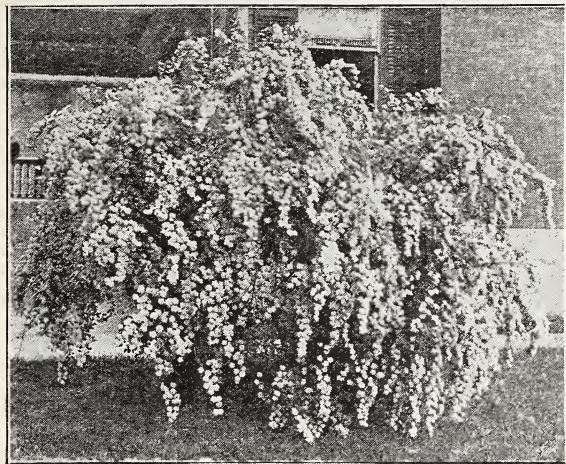
Regal Lily.

OLDS' HARDY SHRUBS AND VINES

ORNAMENTAL SHRUBS

Olds' Ornamental Shrubs are all bush formed, well rooted, hardy, transplanted stock, measuring 1½ to 2 feet high unless otherwise specified. They are never shipped with seeds or other articles but packed and sent direct from our growing station about 40 miles out of Madison. All ornamental shrubs are sent postpaid.

If sold out of the variety ordered we will substitute a like variety of equal or higher value in its place. This rule applies to Nursery Stock only, not to anything else offered in the catalog. In case you do not want a substitution made kindly note that on your order and we will refund for the item sold out. We urge our customers to order early so that we may properly take care of their orders, filling them at the proper time for planting in the spring.



Spirea Van Houttei.

SPIREA VAN HOUTTEI. (Hardy Bridal Wreath). Slender bushy shrubs, upright in growth, but in May and June a fountain of arching, snowy white bloom. 45c each; 3 for \$1.25, postpaid.

SPIREA, FROEBEL'S. A Japanese type of Spirea with bluish green leaves and red stems. Rather more dwarf than Van Houttei. Begins to bear flat clusters of rose colored flowers almost as soon as planted and continues in bloom until late autumn. 50c each; 3 for \$1.40.

SPIREA, ARGUTA. Blossoms in May with a wealth of minute pure white flowers. Has small, deep green foliage. 45c each; 3 for \$1.25, postpaid.

SPIREA, ANTHONY WATERER. 12 to 15-inch stock. Produces bright crimson blooms throughout the summer. Dwarf growing. 50c each; 3 for \$1.40, postpaid.

SPIREA, BILLIARDI. Grows about 4 feet high, blooming during July and August. Flowers are a bright pink. 45c each; 3 for \$1.25, postpaid.

SNOWBALL. The common Snowball has been a favorite for many years and is always ready with its load of white ball blooms to supply the necessary decoration for Memorial Day. 60c each; 3 for \$1.70, postpaid.

SNOWBERRY. One of the prettiest of low-growing shrubs, hardy, and succeeding in almost any soil or in partial shade. The tiny pink flowers are followed by waxy white berries which last well into the winter. 45c each; 3 for \$1.25, postpaid.

ALMOND PINK. A beautiful small shrub bearing an abundance of small double rose-like flowers. Blooms in May. 75c each; 3 for \$2.00, postpaid.

GORNUS LUTEA. (Yellow Dogwood.) Bright yellow bark in winter. Fine planted with red dogwood. 45c each; 3 for \$1.25, postpaid.

GORNUS SIBERICA. (Red Dogwood.) Red branched; 5 to 6 feet; a strong erect grower. 45c each; 3 for \$1.25, postpaid.

DEUTZIA LEMOINEI. A short flowered plant of easy culture. Does well in any soil. The branches are entirely covered with erect panicles of large snow-white flowers. 60c each; 3 for \$1.70, postpaid.

HONEYSUCKLE, TARTARIAN PINK. Attains a height of 8 to 12 feet. Blooms during May. Has slender upright branches and small bright pink flowers followed by orange-yellow berries. 45c each; 3 for \$1.25, postpaid.

LILAC, PURPLE. Lilacs are hardy and free flowering shrubs which burst forth with fragrant flowers in the spring and early summer. They do well in most any fertile soil. The purple is most widely known and grown. 50c each; 3 for \$1.40, postpaid.

LILAC, WHITE. Same as the purple only white. 60c each; 3 for \$1.70, postpaid.

LILAC, PERSIAN. Has bright purple flowers but attains a height of only 5 to 6 feet. Blooms during May and June. 60c each; 3 for \$1.70, postpaid.

PHILADELPHUS GRANDIFLORUS. (Syringa.) Commonly known as "Mock Orange." A vigorous and hardy shrub with handsome flowers and foliage. Beautiful white flowers produced in great profusion. Attains a height of 8 to 12 feet, blossoming in June. 45c each; 3 for \$1.25, postpaid.

PHILADELPHUS VIRGINALIS. This variety grows from 5 to 6 feet high and has large handsome flowers. The blooming season is somewhat longer than that of the older varieties. 75c each; 3 for \$2.00.

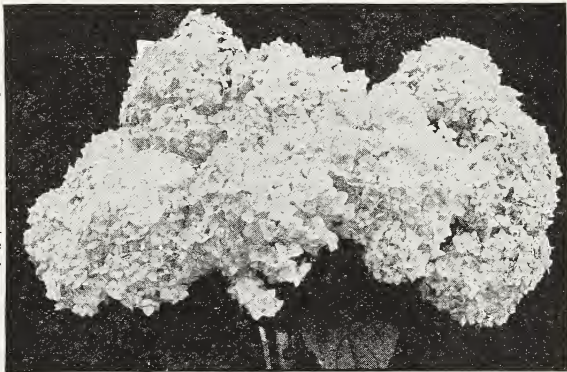
PRUNUS TRILOBA. (Flowering Plum.) Really a small tree which has its branches covered before the leaves appear with small, double, pink flowers. 5 to 8 feet in height. 2 to 3-foot stock. 80c each, postpaid.

PRUNUS NEWPORT. (Purple-Leaf Plum.) The foliage and young shoots of this variety are of a rich, reddish purple. 2 to 3-foot stock. 80c each.

VIBURNUM DENTATUM. A bushy upright-growing shrub of large size. Has heart-shaped leaves which are bright green in the summer and which later change to a rich purple red. Flowers are creamy-white. Blooms late in the spring. 60c each; 3 for \$1.70, postpaid.

VIBURNUM LENTAGO. A large-growing shrub with bronze leaves when young, turning to a glossy green in mid-summer and brilliant orange-red in autumn. Creamy white flowers with blue berries. 10 to 12 feet high. 60c each; 3 for \$1.70, postpaid.

WEIGELIA ROSEA. 5 to 6 feet in height. A hardy and beautiful shrub bearing a profusion of rose-colored flowers. 50c each; 3 for \$1.40, postpaid.



Hydrangea paniculata.

HYDRANGEA PANICULATA. Creamy white flowers changing to pink; borne freely in immense panicles. Easily grown, beginning to bloom the first of July and continuing until fall. 65c each; 3 for \$1.80, postpaid.

HYDRANGEA, ARBORESCENS. (Hill of Snow.) A beautiful new American shrub. Foliage a good green, bluish underneath. 50c each; 3 for \$1.40, postpaid.

HEDGE PLANTS

Hedge Plants, 25c each; 10 for \$2.00, postpaid. By express. 100 for \$18.00. 1 to 1½ foot stock.

PRIVET. Amoor (Siberian). A fine upright shrub, almost evergreen with pure white flowers in June followed by purple seed pods. Also a good specimen plant.

JAPAN BARBERRY. Dense growing, thorny shrub, with drooping yellow flowers followed by bright red berries which hang all winter. This variety of barberry does not harbor wheat rust and may be planted anywhere.

HARDY VINES

SCARLET HONEYSUCKLE. A tall sturdy climber, especially suitable for a north position. The bluish green foliage covers well and the plant blooms from midsummer until very late in the fall. 50c each; 3 for \$1.40.

BOSTON IVY. (Veitchi). The well known vine for covering brick and stone work. 60c each; 3 for \$1.70.

ENGELMANII IVY. (English Ivy.) It has a foliage which turns to bright crimson in the fall. It also has the clinging habit of growth and may be planted to climb smooth surfaces; hardier than the Boston Ivy and will do well in any situation. 50c each; 3 for \$1.40, postpaid.

OLDS' HARDY FRUIT AND SHADE TREES

OLDS' APPLES AND CRABS

Prices of all Apple and Crab Apple Trees, 4 to 5-foot trees: 60c each; 10, assorted varieties if preferred, for \$5.00. Write for special prices in larger quantities. All trees are ordinarily sent by express. If wanted by mail add 20 cents per tree for postage.

Orders are filled from our growing station, 40 miles from Madison. See preceding page in regard to substitutions.

SUMMER VARIETIES APPLES

YELLOW TRANSPARENT. An early August apple of highest quality for home use but too tender to ship. Pale waxy yellow in color.

DUCHESS OF OLDENBURG. A large and beautiful apple ripening in late August and early September. Yellow and red, streaked and mingled. Very juicy and rich flavored, fairly tart. Exceptionally good for cooking and the best commercial extra early. Well known.

LIVELAND. A very hardy apple. Color white, shading to crimson; flesh, white. Very juicy and sweet. Bears during July and August.

AUTUMN VARIETIES APPLES

WEALTHY. The one fall apple with a perfect score as regards dessert, cooking and market qualities in contests of the Wisconsin Horticultural Society. Round fruit of rich dark polished red. The aromatic tender flesh is juicy, sub-acid, and of delicious flavor. The Wealthy is an early and annual bearer.

WOLF RIVER. The largest apple grown. Greenish-yellow shaded red. Pleasant flavor for eating out of hand or cooking but a little coarse in texture.

DUDLEY. Similar to Duchess only an early winter variety. Less tart and of better quality. This variety originated in Northern Maine and is considered there one of their finest apples.

GOODHUE. A good keeping apple with a hardy and vigorous growing tree. This variety is similar to Wealthy but superior as an eating and cooking apple.

PEERLESS. This variety originated in Minnesota. Ready for use in October. The fruits are medium in size, yellowish green with stripes and splashes of carmine. Flesh, yellowish white. Fine grained.

CRAB APPLES

HYSLOP. Large, deep crimson; most beautiful.

WHITNEY. One of the largest; splashed carmine, firm, juicy, great bearer. Fine eating apple.

PEARS

Prices of Pears, 4 to 5 foot trees: Each, 75c; 10 for \$7.00, by express.

BARTLETT. Large, buttery, juicy, high flavored, great bearer; very popular, early. (August.)

CLAPP'S FAVORITE. Very large, early, yellow and red, with russet specks; melting rich. (August.)

CHERRIES

Prices of Cherries, 3 to 4 foot trees: Each, 75c; 10 for \$7.00, by express.

***EARLY RICHMOND.** An early variety of extreme hardness bearing large crops. Light to dark red, juicy.

***MONTMORENCY.** Large, bright crimson, very juicy; strong, upright grower; one of the best late varieties.

GRAPES

Strong plants, 35c each; 10 for \$3.00, \$28.00 per 100, postpaid. Assorted varieties if desired.

CONCORD. The old standard purple grape, doing well everywhere. A heavy yielder.

WORDEN. An improved Concord; sweeter, larger in bunch and berry, and a week to ten days earlier. Black with purple bloom.

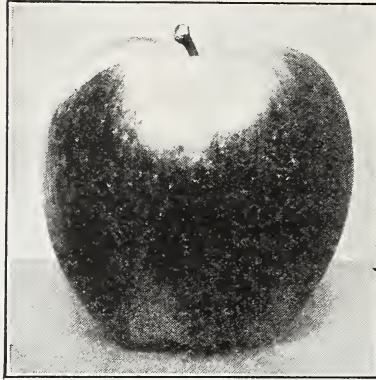
DELAWARE. An exquisite dessert grape. Light red with very thin skin, juicy, sweet, spicy, and aromatic. Rather small berries but of rare flavor. The standard of quality for grapes.

BETA. The grape for the extreme north, a hybrid between the wild grape and the Concord. Medium-sized, jet black, in good bunches, juicy and of fair quality.

MOORE'S EARLY. Bunch and fruit large, very productive and of superior quality. Vine exceedingly hardy. Desirable for an early market. Its hardness particularly adapts it to Canada and Northern United States.

NIAGARA. Occupies the same position among white varieties as Concord among the black. The leading profitable market sort. Bunch and fruit large, greenish white, changing to pale yellow when fully ripe. Skin thin but tough; quality much like Concord.

WINTER APPLES



Delicious, Most Popular Eating Apple.

set, quality the best. Tree enormous and early bearer. Valuable for the market and for home use.

JONATHAN. Medium, red, extra quality.

MCINTOSH. Medium size, dark red, good quality.

NORTHWESTERN GREENING. Hardy, yellow, rich, of good size; extra long keeper. Good cooker.

BAYFIELD. The tree is a rapid grower, bearing large red apples of splendid quality that will keep up to May 15th. It is well adapted for the large commercial orchard.

PERKINS. The fruit is large, red, and round as a ball. Flesh fine-grained with a delicious flavor. Not as hardy as some winter varieties but does well in southern Wisconsin.

RED WING. A long-keeping winter apple slightly larger than Wealthy. Streaked with red on a yellow back-ground. Acid enough to make it a good cooking apple. This variety originated in Minnesota and has received the highest premiums at the Minnesota State Fair for the past eleven years. It also took a Gold Medal at the St. Louis World's Fair in 1903, in competition with everything.

BEN DAVIS. Large, handsome, striped, valuable.

DELICIOUS. Good size, fine quality. Tree good grower and hardy. Most popular newer variety for eating.

FAMUSE. (Snow.) Medium, deep crimson, flesh white, of best quality.

GRIMES' GOLDEN. Good size, yellow, of highest quality; very productive.

GOLDEN RUSSET. Medium, dull russet, dull russet and early bearer.

HARDY PLUMS

Prices, all Plums, 4 to 5 foot trees, by express: Each, 80c; 10 for \$7.50. Assorted if desired.

***LORING PRIZE.** This plum was awarded \$100.00 by the Minnesota Horticultural Society as the best in Minnesota. Big red plums as large as good-sized peaches and much the same shape; of wonderfully fine flavor.

***UNDERWOOD (MINNESOTA NO. 91).** Earliest and hardiest of the large new plums, ripening August first to August 15th, and attaining a size of 1 1/4 inches in diameter. The tree is one of the strongest. Fruit red, juicy; very small pit, free stone.

OPATA. The finest plum for home gardens or where there is room for but one or two fruit trees. A dwarf grower, bearing heavily one year after it is planted. The fruits are purple with firm yet juicy green flesh of excellent quality. Tender skin and small pit. Free stone.

SAPA. Dark flesh of fine quality. Five-foot trees at three years bear 1 to 1 1/2 bushels each and keep it up.

WANETA. The most delicious of all plums and Prof. Hansen's masterpiece. It is a cross between a large American variety and the Japanese Apple Plum, a sort originated by Luther Burbank. The Waneta combines immense size with attractive appearance and rich, sweet flavor. Absolutely hardy.

KAHINTA. A cross between Burbank's Apple Plum and Terry. It is a good bearer and appears hardy throughout the North. The fruit is red, large, firm, 1 1/4 to 2 inches in diameter. Has a small pit and delicious flavor.

TOKA. This is a cross between the American plum and the fragrant Apricot of China. The tree is remarkably strong and vigorous. Fruit dark red in color, very handsome, firm, large and a good shipper.

SHADE TREES

For lawn or street planting. Strong, 6 to 8-foot trees. Prices, except as noted, by express: Each, \$1.25.

MOUNTAIN ASH. Fine foliage with red berries.

SILVER MAPLE. A large and rapid growing tree.

WHITE ASH. Resists drought well. A rapid grower.

HARDY CATALPA. Rapid grower, fragrant flowers.

CAROLINA POPLAR. Improved Cottonwood. \$1.00 each.

WHITE ELM. The best shade tree.

BOX ELDER. A rapid grower.

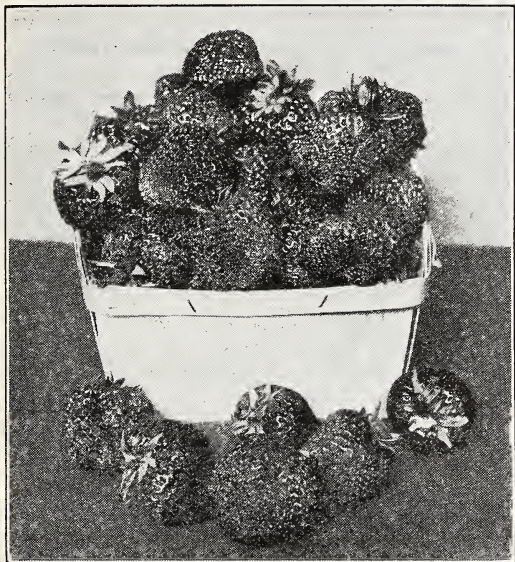
WEeping BIRCH. 4 to 5 ft., \$2.00 each, by express.

BLACK WALNUT. 4 to 5 ft., \$1.00 each, by express.

BECHTEL'S CRAB. A dwarf tree of great beauty covered with large double rose-like blossoms. A hardy and popular variety. 3 to 4 foot trees, \$1.50 each.

OLDS' STRAWBERRIES AND RASPBERRIES

Our Strawberry and Raspberry Plants are freshly dug, well packed and sent by themselves at planting time direct from our growing station about 50 miles north of Madison. They are all large plants, well rooted.



A Box of Senator Dunlap Strawberries.
SENATOR DUNLAP. (Perfect Flowering.) The best all-around standard strawberry and the one which is most widely known. The plants are medium in size, long rooted and thoroughly drouth resistant. The variety is unusually productive, beginning to ripen early and continuing to bear for a long time.

The fruit is of medium size, smooth, regular and firm and the color is a beautiful red extending well to the center of the berry. Our Senator Dunlap plants last fall were wonderful and we are sure that the spring plants will more than please you. Prices, postpaid: 25 for 45c; 100 for \$1.50. By express: 1,000 for \$7.00.

DR. BURRELL STRAWBERRY. (Perfect): Medium. "The Million Dollar Berry." Does well in all soils and climates. Fruit large, dark red, glossy and fine.

WARFIELD STRAWBERRY. (Imperfect Flowering.) One of the best of shippers and its rich color, good size, fine shape and flavor make it an almost perfect market berry. It is midseason, dark red, and firm.

AROMA STRAWBERRY. (Perfect Flowering.) Plants large, vigorous, with a splendid root system. Fruit large, holding its size well throughout all the pickings.

The berry is nearly round, smooth and perfect in form, of a beautiful bright, glossy red color, very firm and of high quality. It is medium late in season, much more than average in yield and a sure cropper every year.

Prices for the above three varieties: Postpaid, 25 for 45c; 100 for \$1.50.—By express: 1,000 for \$7.00; 500 at 1,000 rate. Cultural leaflet on request.

EVERBEARING STRAWBERRIES

Everbearing strawberries are no longer an experiment. Planted early in the spring, they will ripen in August, yielding the finest of fruit until November's freezing-up time comes. Then in June they will yield again and after a few weeks' rest will throw up new blossom stalks and yield still again through the following fall.

PROGRESSIVE. The best everbearer except the New Mastodon. A strong hardy plant, producing many runners. Foliage large and healthy, fruit of good size.

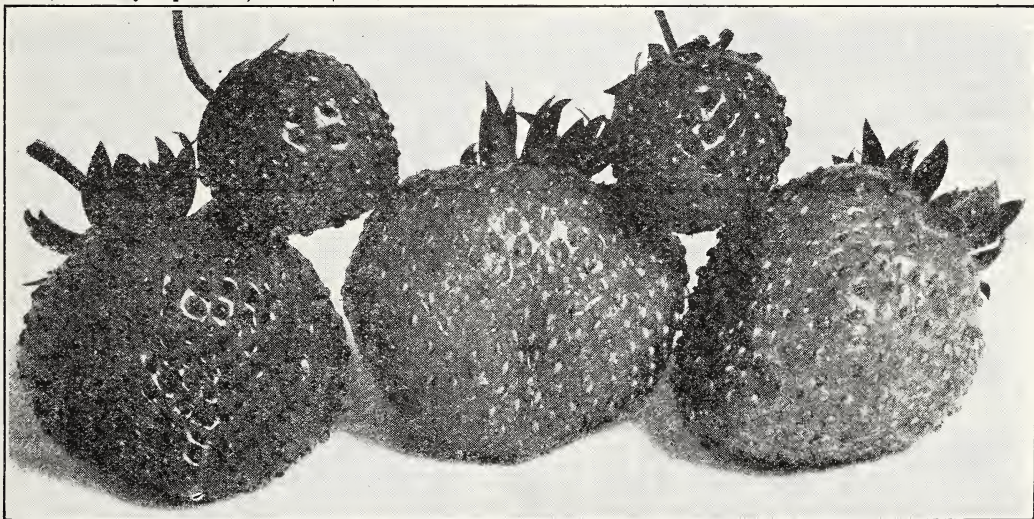
Prices, postpaid: 25 for \$1.00; 100 for \$2.65.—By express: 1,000 for \$18.00; 500 at the 1,000 rate.

RASPBERRIES

Prices, both varieties: 20c each; \$1.00 per 6; \$1.75 per 12, postpaid.

CUMBERLAND RASPBERRY. A wonderfully productive variety. Berries run $\frac{3}{4}$ to 1 inch in diameter. The fruit is black.

LATHAM. A grand new red Raspberry possessing splendid market qualities. We believe that this is the best raspberry thus far introduced.



Three Average Mastodons, With Two Just Normal Size Champions, a Standard Variety, on Top.

THE MASTODON EVERBEARING

The heaviest producing strawberry. Some have measured five inches in circumference. Nine selected berries have filled a quart box and it is no trouble to select eighteen that will fill a quart box. The plants are always big and vigorous and well supported by a heavy root system. Like all everbearing varieties, the Mastodon will nearly always take a rest during about six weeks of the hottest, driest part of the summer; after that it bears until freezing weather begins. It does not bear smaller fruit later in the season; in fact the fall crop is usually larger than that produced in the spring. A four acre tract produced 22,176 quarts in 28 weeks or nearly 5,600 quarts per acre.

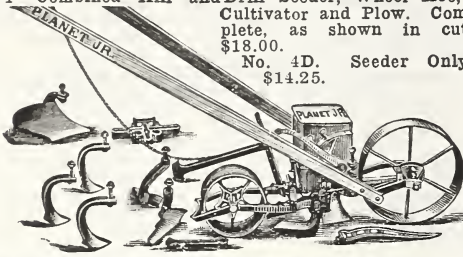
Berries are firm and solid, of the finest flavor, although on account of their unusually large size we do not recommend them for shipping a great distance. The Mastodon is not an experiment. It is absolutely the best flavored, largest, heaviest producing and finest berry ever introduced and we guarantee it unqualifiedly.

Prices, postpaid: 12 plants for 75c; 25 for \$1.10; 100 for \$3.00; 1,000 for \$20.00. (500 at the 1,000 rate.)

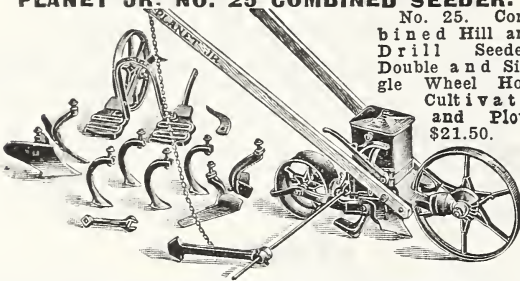
Planet Jr. Garden Tools

The New "Planet Jr." Catalogue is the hand-somest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

PLANET JR. NO. 4 COMBINED SEEDER.
No. 4 Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow. Complete, as shown in cut, \$18.00.
No. 4D. Seeder Only, \$14.25.



PLANET JR. NO. 25 COMBINED SEEDER.
No. 25. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow. \$21.50.

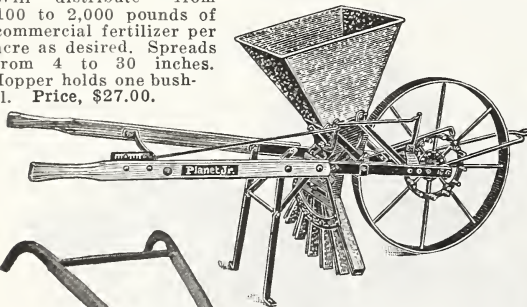


PLANET JR. NO. 26 DRILL SEEDER.
A new style, large size seeder, with wide tread wheels. Holds 4 quarts. Fine for muck land. Price, \$20.00.

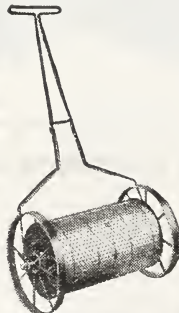
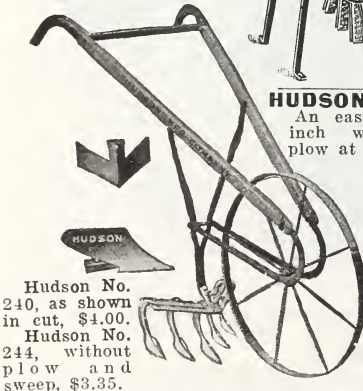
PLANET JR. NO. 35 SEEDER ATTACHMENT.
Fastens to any Wheel Hoe or Garden Plow. Price, \$6.50.

PLANET JR. FERTILIZER DISTRIBUTOR.

Will distribute from 100 to 2,000 pounds of commercial fertilizer per acre as desired. Spreads from 4 to 30 inches. Hopper holds one bushel. Price, \$27.00.



HUDSON GARDEN PLOW.
An easy running, high 24-inch wheel, cultivator and plow at a low price.



HAWKS FERTI-SPREADER.

Distributes any kind of commercial fertilizer quickly, easily and in the desired amount. Very fine for applying Vigoro on lawns. Width of cylinder, 20 inches. Capacity, about 50 pounds. Price, \$12.50.

Ferti-Spreader.

PLANET JR. NO. 12 DOUBLE AND SINGLE WHEEL HOE.

Recognized as the best combination double and single wheel hoe now in use. The assortment of attachments enables one to do plowing, running furrows, and general cultivating work.



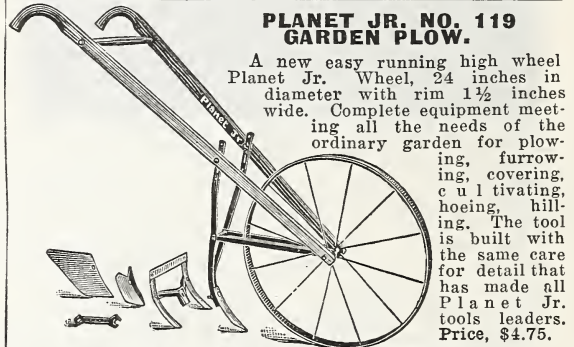
Equipment:

As shown in cut, one pair plows, four steel cultivator teeth, one pair 6 inch hoes. Price, \$10.75.

PLANET JR. NO. 17 SINGLE WHEEL HOE.

Equipment: One large garden plow; three steel cultivator teeth; one pair of six inch hoes. Price, \$7.75.

PLANET JR. NO. 17½ SINGLE WHEEL HOE.
Same as No. 17 without the garden plow. Price, \$6.75.



PLANET JR. NO. 119 GARDEN PLOW.

A new easy running high wheel Planet Jr. Wheel, 24 inches in diameter with rim 1½ inches wide. Complete equipment meeting all the needs of the ordinary garden for plowing, furrowing, covering, cultivating, hoeing, hilling. The tool is built with the same care for detail that has made all Planet Jr. tools leaders. Price, \$4.75.

PLANET JR. STAR PULVERIZER, WEEDER AND CULTIVATOR.

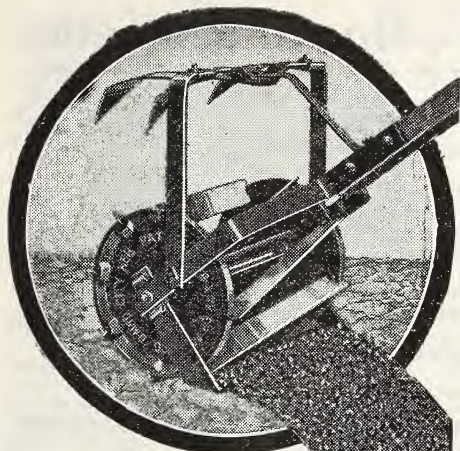
A wonderful tool for garden work. Cultivates thoroughly right after a rain and leaves the soil in fine condition.

PLANET JR. LAWN EDGER.
(See cut below.)

Edges either straight or curved walks of cement, stone or brick, rapidly and easily. Every one who uses a lawn mower needs one of these edgers. Price, \$1.60.



Edging along cement walk



BARKER

TRADE MARK REG. U.S. PAT. OFF.

WEEDER-MULCHER-CULTIVATOR

BARKER WEEDER, MULCHER AND CULTIVATOR—3 TOOLS IN ONE

Makes Gardening Easy and Insures Best Yields.

The Barker cuts the weeds under the ground, cultivates the soil and makes the essential dust blanket or mulch—all in one operation. Works like a lawn mower.

In market gardening labor is the chief item of expense. It is no idle boast that "a boy with a Barker can do more and better work than ten men with hoes," or than two men with wheel hoes. Many leading commercial market gardeners have discarded all other kinds of tools since trying the Barker. Prices reduced for 1930.

No 6. Baby Barker Jr. 6-inch cut. For small gardens and close row crops. \$7.25.

No. 8½. Barker Jr. 8½-inch cut. For onions and similar crops of the family garden. \$7.95.

No. 10. Barker Jr. Ten. 10-inch cut. Very popular size. \$8.45.

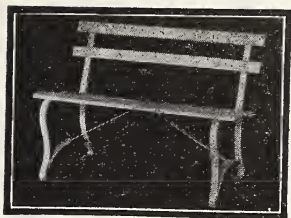
No. 10D. 10-inch cut. Strong and most useful size. \$10.60.

No. 11D. 11-inch cut. For rows 15 inches apart and more. \$11.75.

No. 12D. 12-inch cut. Recommended for big gardens. \$12.60.

Prices include all attachments. Money back if not satisfied. Goods guaranteed five years. Not mailable.

Note—"Gardening for Profit and Pleasure," a beautiful illustrated 24 page book on weeding, mulching and cultivating, mailed free on request.



AUTOCRAT LAWN SETTEE.

Strong, durable, attractive. Just the thing for lawn or public park. 4 feet long, as shown in cut, \$4.50.

ADJUSTO PLANT SUPPORT.

For Tomatoes, Dahlias, etc.

An adjustable, practical and durable plant support. Consists of two parts: an oak stake pointed at the bottom and painted green and a hoop of toughest galvanized steel, also painted green. Adjustable to any height.

With 3 ft. stake, 25c each; doz., \$2.50.

With 4 ft. stake, 30c each; doz. \$3.00.

With 5 ft. stake, 35c each; doz., \$3.60.

With 18 in. stake, 12c each; doz., \$1.50.

With 2 ft. stake, 15c each; doz., \$1.50. (Plant supports not mailable.)

POTTERY BIRD BATHS.

Made of high grade vitreous pottery. Absolutely weather and frost proof and very ornamental. Beautiful brown color, very artistic.



No. 700.



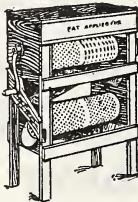
No. 365.

Bird Bath No. 365. 27 inches high. Bowl and pedestal joined together with an iron pipe. Very ornate. Price, \$10.00.

CYCLONE SEEDER.

The Cyclone has a national reputation as a High-Grade Seed Sower. It is built, not for cheapness, but for durability and accurate work. Scatters seed evenly both sides and may be quickly adjusted for different seeds. No waste of seed. Just the thing for sowing all kinds of clover and grass seed, millet, rape, and even grain. Price, reduced, \$2.00; by mail, \$2.25.

HORN SEEDER. Does very satisfactory work if properly used. Made by the Cyclone people. Price, \$1.00; by mail, \$1.10.



Corn Grader.

HERO CORN GRADER. A Corn Grader that is a real grader. You should plant kernels that are all alike in size and shape if you want a perfect uniform stand. The Hero grades that way. Leading farmers and corn growers everywhere testify to the perfect work done by this grader. It will pay for itself in one season. Price, \$18.00.

"43" FOR THE TREE.

Why Let a Tree Die?

Tree contains those acids that destroy fungi and insects. A quick, easy application forms an elastic, waterproof coat, keeping out water, air, infestation and decay.

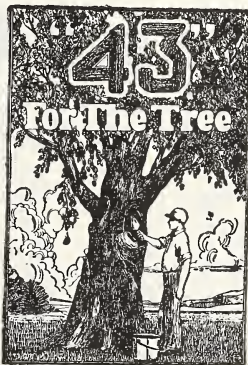
Order Plastic "43" for cavities; order Liquid "43" to brush over pruned trees, at sawed off limbs, broken branches, surface wounds and to coat around bottoms of trees to prevent rabbits, small animals and insects from attacking the tree.

Prices reduced 25 per cent for 1930.

Prices, either Plastic or Liquid:

Lb. can\$0.50;	by mail, \$0.60
2½ can1 15;	by mail, 1.30
5 lb. can2.25;	by mail, 2.50
10 lb. can4.35;	by mail, 4.70

(Recommended by Horticulturists and Tree Surgeons.)



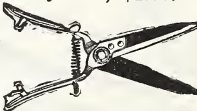
GRASWIP.

Cut your grass without stooping. Swings like a golf stick. Price, \$1.00; by mail, \$1.10.



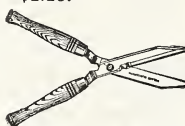
CALIFORNIA PRUNING SHEAR.

A thoroughly reliable pruning shear. Price: 90c; by mail, \$1.00.



GRASNIP SHEARS.

For grass, vines, light shrubbery, etc. Price: \$1.05; by mail, \$1.15.



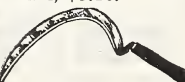
HEDGE SHEARS.

6-inch blade, \$1.40; by mail, \$1.50; 8-inch blade, \$2.15; by mail, \$2.30; 10-inch blade, \$2.50; by mail, \$2.65.



LONG HANDLE PRUNING SHEARS.

Special heavy, 26 inch, \$3.25; by mail, \$3.40.



GRASS HOOK.

Forged steel, 60c; by mail, 65c.

"Norcross" Cultivator--Hoe and Weeder

Will cultivate closer to plants without injuring them than any other type of implement known, leaving the soil level, loose and untrampled. The sharp, tapering shovels enter the ground easily and are so arranged, one with another, as to literally tear up every inch of the soil from one to five inches deep, as required.

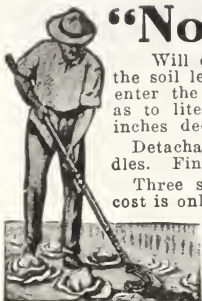
Detachable steel prongs, malleable head, extra high grade handles. Finely finished throughout.

Three sizes, suited to both men and women, and the average cost is only that of a common hoe.

5-prong, 4 foot handle, \$1.15; by mail, \$1.30.

3-prong, 4 foot handle, 85c; by mail, \$1.00.

"Midget," 9 inch handle, 50c; by mail, 55c.



LAWN RAKE.
24-Tooth, 85c;
by mail, \$1.00.

GARDEN HOE.
7½-in. Socket,
\$1.20; by mail, \$1.35.

SUGAR BEET HOE, \$1.25; by mail, \$1.40.

HEAVY SPADING FORK.

True temper. \$1.75;
by mail, \$1.95.
BOYS' SPADING FORK
Light. Best made.
\$1.10; by mail, \$1.25.

STEEL GARDEN TROWEL.
EL, Extra Heavy, 8 inch,
20c each; by mail, 25c.
Light, 6 inch blade, 15c
each; by mail, 20c.

TRANSPLANTING TROWEL.
Heavy, 6½ inch blade, 20c
each; by mail, 25c.
Light, 6 inch blade, 15c
each; by mail, 20c.

FLORIST'S SPADING FORK.
25c each; by mail, 30c.

"OOT-U-KUM" WEED PULLER.

New principle.
A slight push and
pull removes
not only the weed
but the entire
root. Ridding a
lawn of dandelions
is just fun.
Long handle, no
stooping.
Price, 75c; by
mail, 85c.



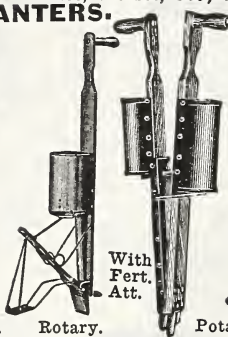
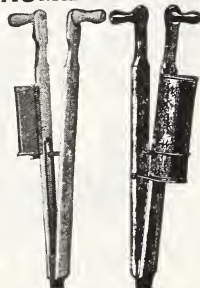
IDEAL HAND WEEDER
HANDIEST TOOL ON EARTH.
Price, 20c; by mail, 25c.

STEEL BOW GARDEN RAKE.

Finest rake made. True temper. 14-tooth, \$1.35; by mail, \$1.50.

CONCAVE POTATO KNIFE. 35c; 3 for 90c, postpaid. (See page 25.)

ACME HAND PLANTERS.



Plain. With P. S. A. Rotary.

Potato Planter.

Corn Planter, Plain. Accurate. \$1.25; by mail, \$1.40.
Corn Planter, with Pumpkin Seed Attachment. \$1.30; by mail, \$1.45.

Corn Planter, with Fertilizer Attachment. \$2.60; by mail, \$2.75.

Corn Planter, Rotary. Works automatically. \$2.50; by mail, \$2.65.

Potato Planter. Stick planter. \$1.15; by mail, \$1.30.

Bird's IMPROVED NEPONSET Flower Pots

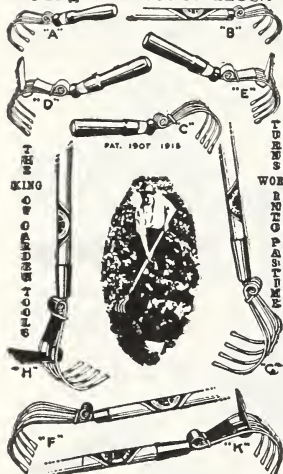
Made of strong waterproof paper; light, unbreakable and will not rot. They weigh just one-tenth as much as clay pots, are easier to handle and much less expensive.

	By mail.	By express or freight.
2 1/4-inch	25	25
2 1/2-inch	30	30
3-inch	35	35
3 1/2-inch	40	40
4-inch	45	45
5-inch	50	50
6-inch	55	55

PAINTED POT AND GARDEN LABELS.

	By mail.	By express
Painted Labels 4x 5/8 inches	\$1.0	\$0.8
Painted Labels 5x 5/8 inches	.13	.10
Painted Labels 6x 5/8 inches	.15	.12
Painted Labels 8x 7/8 inches	.30	.25
Painted Labels 10x 5/8 inches	.25	.20
Painted Labels 10x 7/8 inches	.40	.35
Painted Labels 12x 5/8 inches	.35	.30
Painted Labels 12x 1 1/8 inches	.50	.40

REICHARD'S COMBINATION SPRING-TOOTH Magic Weeder Ho



MAGIC WEEDER HOES.

Style A. 3 tines, 9 inches long. A very popular and useful little tool. 20c; by mail, 25c.

Style B. Same as Style A except with longer handle. Length, 22 inches. 25c; by mail, 30c.

Style C. Larger and stronger than Style A. 4 tines. Width adjustable. 35c; by mail, 40c.

Style D. Still larger, 11 inches long, with 1 1/2 inch blade. 50c; by mail, 60c.

Style E. Same as D except that blade is "V" pointed. 50c; by mail, 60c.

Style F. Long handle, 42 inches. Heavier than the preceding. 70c; mail, 85c.

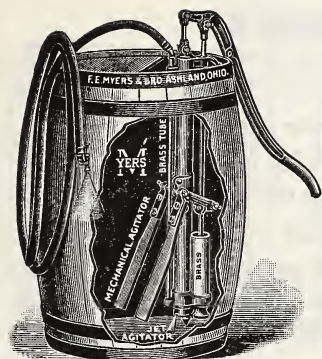
Style G. Larger and stronger than Style F. 48 inch handle. \$1.00; by mail, \$1.10.

Style H. Four foot handle, with cutting blade added. \$1.25; by mail, \$1.40.

Style K. Same as Style H except blade is "V" shaped. \$1.25; by mail, \$1.40.

GATOR HIDE MULCH PAPER.

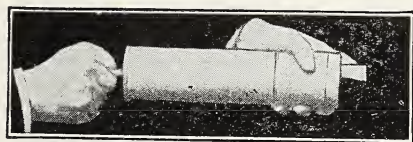
Makes cultivation unnecessary. Holds the moisture in the soil. Greatly increases yield. \$3.50 per roll. (See page 60.)



Byers Barrel Spray Pump.



Bucket Pump.



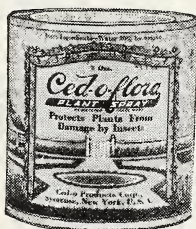
FEENEY DUST GUN.

For applying Bug Death, Slug Shot and all other dry powder. Cheaper than spraying and effective under the leaves.

Price, \$1.00; by mail, \$1.10.



BUG DEATH DUSTER.
Price, 50c. By mail, 60c.



RAT CORN kills rats and mice. Harmless to live stock. Prices: 25c, 50c and \$1.00 per can. By mail, 30c, 55c and \$1.05.

MYERS BARREL SPRAY PUMP.

The Myers Improved Brass Barrel Spray Pump No. 305, with Bronze Ball Valves, Brass Cylinder and Discharge Pipe, is, we believe, the best on the market.

Price, complete with 15 feet of hose. Bordeaux nozzle and Mechanical Agitator, but not including barrel, \$15.00.

LITTLE GIANT BUCKET PUMP.

Made of brass with ball valves.

Price, Complete with hose and Combination Bordeaux nozzle, \$5.00; by mail, \$5.25.

HUDSON PERFECTION SPRAYER.

For general high pressure purposes the Hudson Perfection is the very best. Easily operated and very satisfactory for spraying, disinfecting or whitewashing. Capacity, 4 gallons. Price, galvanized, \$6.75; brass, \$10.95.

JUNIOR HUDSON SPRAYER.

Similar to the Hudson Perfection but smaller. Capacity, 2½ gallons. Price, galvanized, \$5.00; brass, \$8.25.

SULPHO TOBACCO SOAP.

For spraying plants, shrubs, trees, vines. 3-oz. cake, makes 1½ gallons, 15c; by mail, 20c; 8-oz. cake, 25c; by mail, 30c.

LENOX SPRAYER.

Spraying under the leaves kills insects, removes dust and keeps the plants healthy. Suds made from tobacco soap make one of the best sprays. The Lenox is most serviceable for house and garden.

Price (including a cake of tobacco soap), \$1.00, postpaid. Extra Bulbs, 40c each.

SUNOCO SPRAY OIL.

For San Jose scale, Elm and Maple scale and all other scales on fruit and shade trees. Also effective for aphids and mites. More efficient than lime sulphur.

Prices: 1 gal., \$1.25; 5 gals., \$5.00; 50 gals., 48c per gal. (Containers free.)

CED-O-FLORA.

A new spray for flowering plants. Quickly destroys mealy bugs, red spiders, scale, aphids and other plant pests. Gives the plants immediate relief. Try it on your house plants and also outdoor plants. There is no question as to its efficiency.

Prices: 3 oz. size, 50c; by mail, 55c; 8 oz. size, \$1.00; by mail, \$1.05.

ENOZ MOTH LIQUID SPRAYER.

A finely finished sprayer for use in the house. Price, reduced from \$1.00 to 75c; by mail, 85c.

SAVO SELF WATERING FLOWER AND PLANT BOXES.

For Windows, Porches and Inside Use.

Made of the best galvanized steel, enameled finish. The water reservoir in the bottom of the box filled from a tube in one corner keeps plants healthy and fresh by absorbing from below the exact amount of water needed.

Model A, 8x9½x23 inches.....\$3.00
Model B, 8x9½x29 inches.....4.00
Model C, 8x9½x35 inches.....4.50
Model D, 8x9½x41 inches.....5.00
Model B Fernery, 30½x9½x29 inches 10.00

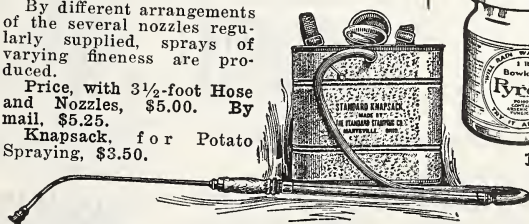
ARMSTRONG STANDARD SPRAY PUMP.

Ideal for spraying insecticides, for whitewashing, for spraying disinfectants, for fire protection, for washing windows, for washing autos.

By different arrangements of the several nozzles regularly supplied, sprays of varying fineness are produced.

Price, with 3½-foot Hose and Nozzles, \$5.00. By mail, \$5.25.

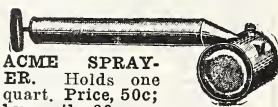
Knapsack, for Potato Spraying, \$3.50.



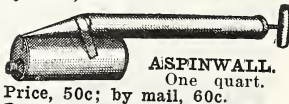
Armstrong Standard Pump with Knapsack.



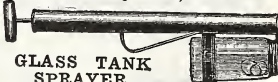
Lenox Sprayer.



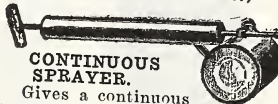
ACME SPRAYER. Holds one quart. Price, 50c; by mail, 60c.



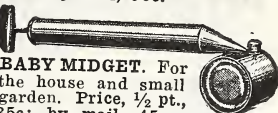
ASPINWALL. One quart. Price, 50c; by mail, 60c.



GLASS TANK SPRAYER. Price, 65c. (Not mailable.)



CONTINUOUS SPRAYER. Gives a continuous spray on both in and out stroke. Price, 80c; by mail, 90c.



BABY MIDGET. For the house and small garden. Price, ½ pt., 35c; by mail, 45c.



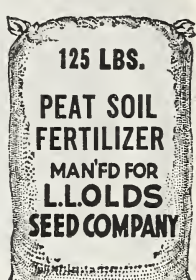
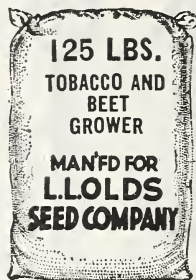
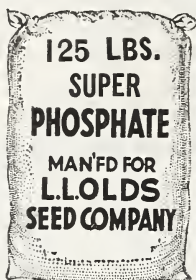
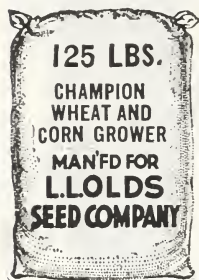
PYROX. A powerful fungicide. Used for spraying potatoes, fruit trees, small fruits and garden crops.

Lb., 50c; 5 lbs., \$1.90; 10 lbs., \$3.25; 25 lbs., \$6.75; 50 lbs., \$11.50.

100 lbs., \$16.00. (Not mailable.)

FERTILIZERS AND PLANT FOODS

Our Commercial Fertilizers are the celebrated "Red Steer Fertilizers," manufactured for us by Swift and Company. You can greatly increase the yield and the quality of your crops by using fertilizers. Reduce your crop cost. Shipments of fertilizers into Wisconsin last year increased 25 per cent over the preceding year. Fertilizers pay.



CHAMPION WHEAT AND CORN GROWER. (2-12-2) A high grade complete fertilizer for corn and all grain crops, especially where the soil is thin. 125 lbs., \$2.65; 1,000 lbs., \$18.00; 2,000 lbs., \$34.90.
SPECIAL CORN FERTILIZER. (4-16-4) Used now by the best corn farmers. More economical than 2-12-2 because of higher analysis. Two tons equal three tons of 2-12-2 in units of plant food. 125 lbs., \$3.75; 1,000 lbs., \$26.00; 2,000 lbs., \$50.00.

TRUCK GARDENERS' SPECIAL. (4-8-6) A highly concentrated fertilizer for potatoes, truck and garden crops. Strong in nitrogen and potash. Potatoes and truck crops are heavy feeders of plant food, so for the best results use this high grade brand. It pays. 25 lbs. \$1.00; 125 lbs., \$3.25; 1,000 lbs., \$22.50; 2,000 lbs., \$44.05.

SUPER PHOSPHATE. (0-20-0) For use in supplementing farm manure. Use 50 lbs. to each load of manure or apply separately 100 to 300 pounds per acre. 125 lbs., \$2.25; 1,000 lbs., \$16.25; 2,000 lbs., \$31.65.

TOBACCO AND BEET GROWER. (2-12-6) Specially recommended for tobacco and for sugar beets. Also fine for potatoes. Strong in phosphoric acid and in potash. 125 lbs., \$3.00; 1,000 lbs., \$20.50; 2,000 lbs., \$39.70.

PEAT SOIL FERTILIZER. (0-12-12) For marsh lands. 125 lbs., \$3.00; 1,000 lbs., \$20.00; 2,000 lbs., \$38.75.

BONE MEAL. (1-29-0) For roses, shrubby and flowers. Also fine for lawns. Use 3 to 5 pounds per 100 square feet or for plants one pound to 50 pounds of soil. 25 lbs., \$1.10; 125 lbs., \$3.65; 1,000 lbs., \$26.50.

ARCADIAN SULPHATE OF AMMONIA. (20-0-0) A wonderful fertilizer for lawns and gardens. Guaranteed 20 per cent ammonia, highly concentrated, quick acting. 10 lbs., 75c; 25 lbs., \$1.50; 100 lbs., \$5.00; 200 lbs., \$9.50; 1,000 lbs., \$42.00; 2,000 lbs., \$81.50. (In 200 lb. sacks.)

ARCADIAN NITRATE OF SODA. (16 1/4-0-0). Better than the ordinary Chilean Nitrate of Soda. Very valuable for fruit trees, tobacco plants and nearly all plants in fact, especially to supplement other manures. 10 lbs., 75c; 25 lbs., \$1.50; 100 lbs., \$4.75; 200 lbs., \$9.00; 1,000 lbs., \$40.00; 2,000 lbs., \$78.50. (In 200 pound sacks.)

(Our Fertilizers, except Sulphate of Ammonia and Nitrate of Soda, are put up in 125 pound sacks. The analysis figures refer to the percentage of each brand—first, nitrogen, second, available phosphoric acid, third, potash. Prices are subject to change. Write for prices when ready to buy as at the time our catalog goes to press prices are not established. We are using here prices of last year.)

OTHER BULLETINS, Free on Application. "More Profit from Corn," "Good Potatoes," "Getting a stand of Alfalfa," "How to Get the Most Out of Fertilizers," "How to Apply Fertilizers," "High Analysis Fertilizers."

Ask for "PLANT FOOD," a 64-page illustrated book, by Wm. H. Bowker, telling all about fertilizers.

PULVERIZED SHEEP MANURE.

A pure natural manure taking effect immediately. Very rich in nitrogen, phosphoric acid and potash, the three essentials. No straw or other refuse as in crude manure.

Splendid for lawns, greenhouse plants, market garden crops of all kinds and fruit trees. Safe, quick and most satisfactory.

Prices: 5 lbs., 35c; 10 lbs., 45c; 25 lbs., 65c; 50 lbs., \$1.15; 100 lbs., \$2.00; 500 lbs., \$9.50; 1,000 lbs., \$18.50; 2,000 lbs., \$36.00. (Prices do not include postage.)

(Folder "The Ideal Fertilizer.")

SUPERIOR LIMESTONE.

For Lawns and Gardens. Makes a rich, dark green, velvety lawn and is equally valuable for gardens.

Use 100 pounds for every 600 square feet of lawn or garden.

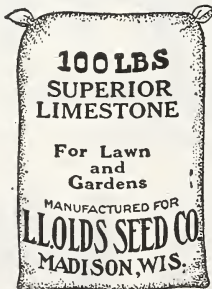
25 lbs., 35c; 100 lb. sack, \$1.00; 500 lbs., \$4.25.



WATCH-EM GROW PLANT FOOD.

Odorless, soluble, highly concentrated, quick-acting.

Large trial package, 10c, postpaid. Return empty package for 10c credit on large can. Big eight ounce can only 50c, postpaid.



VIGORO

Specially Prepared Plant Food.

Enjoy better lawns, flowers, and gardens by using Vigoro.

There is no secret in having a velvety lawn, colorful flowers, crisp, succulent vegetables, luxuriant shrubbery and stately trees.

You can enjoy these beauties of nature if you use good seed, plants, bulbs and the right plant food.

VIGORO provides an economical, practical, and effective way to secure finest results. Economical because the cost is only 10c to 20c for every 100 square feet. Practical because it is clean, odorless, easy to apply—can be sown by hand like grass seed. Effective because it contains all of the necessary elements of plant food. Complete directions in every bag.

Prices: 12-oz. pkg., 10c; 5-lb. pkg., 50c; 25-lb. bag, \$1.75; 50-lb. bag, \$3.00; 100 lbs., \$5.00. (Postage extra.)

STIM-U-PLANT.

An All-The-Year Fertilizer for Garden and House Plants. Simply insert tablet in soil near base of plant.

Postpaid prices: 10 tablets, 15c; 30 tablets, 25c; 100 tablets 75c; 1,000, \$3.50.

STERLINGWORTH PLANT FOOD.

100 tablets, 25c, postpaid.



INSECTICIDES AND FUNGICIDES



ARSENATE OF LEAD POWDERED. For all leafeating insects. Sticks to the leaves and stays there. Will not burn foliage. The dry form is superior to the paste, and used more and more in place of Paris Green. Prices: $\frac{1}{2}$ lb., 25c; 1 lb., 45c; 4 lbs., \$1.15; 24 lbs., \$5.50; 96 lbs., \$20.00.

DRY CALCIUM ARSENATE. Used in the same manner and for the same purposes as Arsenate of Lead, but costs less and is still more effective. Sticks to the leaves. One application lasts a long time. Prices: $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 4 lbs., \$1.00; 24 lbs., \$4.50; 96 lbs., \$16.00.

DRY BORDEAUX MIXTURE. The best fungicide for preventing black rot, mildew, blight, scab, etc., on fruit and vegetable plants. Spray potatoes for blight. One pound will make 50 pounds liquid. Can be used just as needed. Prices: $\frac{1}{2}$ lb., 25c; 1 lb., 45c; 4 lbs., \$1.10; 25 lbs., \$5.50; 50 lbs., \$9.50; 100 lbs., \$19.00.

"SURE NOXEM." For use on potatoes, cabbage, cauliflower, cucumbers, melons, tomatoes, currants, gooseberries and all other vegetables and shrubs. Kills insects of all kinds. Pound carton (sifter top) 25c; 5 lb. bag, 75c.

DRY LIME SULPHUR. For San Jose scale and common spray. Just as effective as the lime sulphur solution and more easily handled. 1 lb., 40c; 5 lbs., \$1.40; 10 lbs., \$2.50; 25 lbs., \$4.50; 50 lbs., \$8.25; 100 lbs., \$15.00.

ALL ROUND SPRAY. A combination, "one shot," spray. Contains Nicotine Sulphate, for sucking insects, Arsenate of Lead, for chewing insects and Bordeaux Mixture, for fungous diseases. $\frac{1}{4}$ lb., size, 45c; 1 lb., 95c.

FORMALDEHYDE. For preventing smut in grain, scab on potatoes, etc. Ask for leaflets telling how to use. Price, pound size, 40c. One pound will treat 40 bushels.

NOTICE. All of the above are poisons and are not available. Ask for special prices in large quantity.



\$25.00. (Add for postage in larger than pound sizes.)

THE NATIONAL ANT CONTROL

Antrol Quickly destroys all species of sweet eating ants. Composed of small glass containers and a special formula of syrup. Prices: Antrol Set, containing 4 containers and 4 oz. bottle of syrup, 95c. Extra Containers, 15c each. Antrol Syrup: 4 oz. bottle, 45c; pint, 95c; gallon, \$3.75. Not available.



Snarol

The National Pest Control

Kills cutworms, sowbugs, grasshoppers, slugs, snails, earwigs, etc. Snarol is a ready prepared meal that you simply broadcast on the ground under the vegetation. Prices: Lb. pkg., 45c; 3 lbs., 95c; 15 lbs., \$3.50. Not available.



Sheps Household Spray

This non-poisonous spray gives positive protection against both sucking and chewing insect pests, including aphids, thrips, green flies, white flies, mealy bugs, worms, caterpillars and others. Harmless to humans, birds, animals and pets. Benefits soil and foliage. Absolutely the easiest spray to mix—no soapsud solution, perfect emulsion—20 seconds from bottle to plant.

Prices, postpaid:

2-oz. bottle (makes 4 gals.) 35c.
8-oz. bottle (makes 16 gals.) 75c.
Pint bottle (makes 32 gals.) \$1.25.
Gallon can (makes 64 gals.) \$2.50.



SLUG SHOT.

Hammond's Slug Shot for currant worms, potato bugs, cabbage worms, etc. A fungicide as well as insecticide.

Prices: 1 lb. carton with sifter top, 25c; by mail, 35c; 5 lbs., 75c; 10 lbs., \$1.40; 25 lbs., \$3.00; 125 lb. keg with duster, \$13.00; 250 lb. barrel, with duster, \$25.00.



BUG DEATH.

Does not burn the leaves. Kills bugs and worms and prevents blight.

Prices: 1 lb. carton with sifter top, 25c; by mail, 35c; 5 lbs., 75c; by mail, \$1.00; 12 1/2 lbs., \$1.60; 100 lbs., \$9.00.

CROW-TOX.

Crow-Tox is a new product for the protection of seed corn against crows. Also effective against gophers, blackbirds and all other animal and bird pests.

It is non-poisonous and easily applied. Simply mix with the corn before planting. Costs only 15 to 20 cents per acre. Money refunded if not satisfactory.

Small can, treats one bushel, \$1.00; by mail, \$1.10. Large can, treats two bushels, \$1.50; by mail, \$1.60.



GED-O-FLORA AND PYROX.

See page 91.

BLACK LEAF 40. A powerful and effective liquid insecticide, for use against aphids, thrips and leafhoppers. Prices: 1 oz., 35c; $\frac{1}{2}$ lb., \$1.25; 2 lbs., \$3.25; 10 lbs., \$11.85. Not available.

BLACK LEAF NICOTINE DUST. For aphids. Prices reduced. 5 lbs., \$1.00; 25 lbs., \$3.50; 100 lbs., \$12.00.

the EVER GREEN

NON-POISONOUS INSECTICIDE

to PROTECT YOUR GARDEN

Evergreen is effective against cabbage worms, cucumber and melon beetles, aphids, leaf hoppers, currant worms and most other insects, both chewing and sucking.

Absolutely harmless to man and beast. Easily applied with any sprayer. One oz. makes six gallons of spray.

Prices: 1 oz. size, 35c; by mail, 40c.
6 oz. size, \$1.00; by mail, \$1.05.
16 oz. size, \$2.00; by mail, \$2.10.
32 oz. size, \$3.85; by mail, \$4.00.
Gallon size, \$13.00.



DUBAY SEED DISINFECTANTS.

SEMESAN. For Vegetables and Flowers. See page 47.

SEMESAN JR. For Corn. See page 9.

SEMESAN BEL. For Potatoes. See page 25.

CERESAN. For Oats. See page 16.

POULTRY FEEDS, SHELLS, GRIT

OLD GOLD POULTRY FOOD.

Olds' Old Gold Poultry Food is a complete feed for laying hens. Contains wheat, cracked corn, sunflower, barley and buckwheat. No grit. Duly analyzed and licensed. Made by us right here at Madison. Prices: 10-lb. sack, 30c; 100-lb. sack, \$2.45; 3 sacks at \$2.35.

OLD GOLD CHICK FOOD.

Old Gold Chick Food is a dry food also made by us, suitable for chicks from 4 to 8 weeks old. It contains cracked wheat, cracked corn, hulled oats, millet, etc., but without grit.

Prices: 10-lb. sack, 35c; 100-lb. sack, \$2.80; 3 sacks at \$2.70. (Prices on poultry and chick food are subject to change. Ask for "Weekly Price List of Poultry Feeds and Supplies.")

FOS-FOR-US

POULTRY MINERALS.

Makes hard-shelled eggs and big-boned chicks. Takes the place of bonemeal, oyster shells and ordinary grit. Analysis, 70%

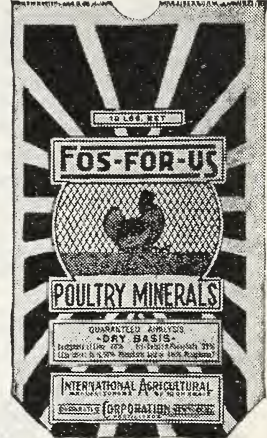
Carbonate of Lime, 22% Tri-Calcium Phosphate.

Illinois Poultry Bulletin No. 336 says: "Fos-For-U's builds stronger egg shells than oyster shells and limestone grit."

Prices: Poultry or chick size, 10 lbs., 25c; 100 lb. sack, \$1.50; 3 sacks at \$1.45. Meal: 10 lbs., 25c; 100 lb. sack, \$1.75; 3 sacks at \$1.70. (Ask for 10 page folder.)

REEF BRAND OYSTER SHELLS.

Nationally advertised brand. Cleaner and better than any other shells. Best obtainable. 100-lb. sack, \$1.05; 3 at \$1.00.



MAKE YOUR HENS LAY MORE EGGS



PEARL GRIT.

Pearl Grit is almost pure calcium and this is what the hen needs to do her best work in turning out eggs.

Also fine for baby chicks. Prof. J. G. Halpin says "The first thing to feed chicks is grit."

Prices: either chick size or poultry size: 10-lb. carton, 25c; 100-lb. sack, 90c; 3 sacks at 85c.



ALFALFA MEAL.

For mashes and mixing with other feeds.

No. 1 Medium: 10 lbs., 25c; 100-lb. sack, \$2.00; 3 sacks at \$1.90. No. 1 Fine: 10 lbs., 25c; 100-lb. sack, \$2.20; 3 sacks at \$2.10.

DON SUNG.



(Chinese for Egg Laying). Makes Hens Lay. Acts directly on the egg-laying organs.

Small Size (enough for 15 hens one month), 50c, postpaid; Dollar Size (3 times 50 cent size), \$1.00, postpaid. Size, \$5.00, postpaid.

CONKEY'S BUTTERMILK STARTING FEED.

Gives the chicks buttermilk in concentrated form. It is all the chicks need the first 8 weeks except greens, grit, clean water and Old Gold Chick Food. Now contains Y-O already mixed in.

Prices: 10 lbs., 75c; 25 lbs., \$1.45; 100 lbs., \$4.90. (Postage extra.)

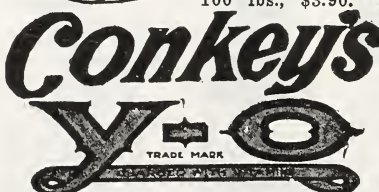


\$4.90. (Postage extra.)

CONKEY'S BUTTERMILK GROWING MASH.

For developing pullets and broilers. It is not enough to start a chick right—it is equally essential to help it to maturity. Buttermilk Growing Mash Vitalized with Y-O is the ideal feed after the eighth week.

Prices: 10 lbs., 55c; 25 lbs., \$1.15; 100 lbs., \$3.90.



Cod Liver Oil and Yeast are two essential ingredients for poultry.

Prices: 1 lb., 55c; by mail, 65c; 2 lbs., \$1.00; by mail, \$1.15; 5 lbs., \$2.00; 25 lbs., \$7.50.

POULTRY GRAINS.

(Prices subject to change. Write for Weekly Price List.) Per 100 lbs.

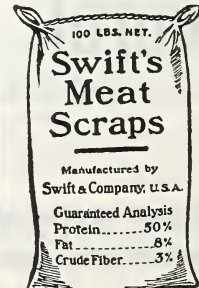
Feed Wheat	\$2.60
Cracked Wheat	2.75
Cracked Corn, coarse	2.30
Cracked Corn, fine	2.40
Sunflower	5.75
Feed Millet	2.70
Steel Cut Oat Meal	3.60
Meat Meal (tankage)	4.00

"GOLD LEAF" TOBACCO POWDER.

Controls round worms in poultry. 2 lbs., 25c; by mail, 35c; 10 lbs., 85c; 100 lbs., \$6.50.

SWIFT'S SPECIAL BONE MEAL

Largely used for small chicks. Prices: 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25.



SWIFT'S MEAT SCRAPS.

Great for eggs. Feed 3 times a week, one ounce to each fowl.

Prices: 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.30; 100-lb. sack, \$4.30.



BLATCHFORD'S CHICK MASH.

Sixteen essential ingredients in this high-grade growing mash. Makes rapid growth.

Prices: 4 lbs., 40c; 25 lbs., \$1.35; 100 lbs., \$4.60.

2 1/2 lbs. at 8 weeks!



FORD CHARCOAL.

Ford Granulated Hardwood Charcoal is specially graded.

No. 4, for hens, 50 lbs., 95c; 100 lbs., \$1.85. No. 6, for young fowls, 50 lbs., 95c; 100 lbs., \$1.85. No. 10, for baby chicks, 50 lbs., 95c; 100 lbs., \$1.85.

CONKEY'S REMEDIES



Roup Remedy—The old standby. 25c, 50c. and \$1.00; 30, 55c and \$1.10, postpaid.

Canker Pills. 25c, postpaid.

Canker Special. 50c; 55c, postpaid.

Sulphur Candles. 15c, postpaid.
Limer Neck Remedy. 50c; postpaid, 55c.

Scaly Leg Remedy. 25c; 30c, postpaid.

White Diarrhea Remedy. A reliable preparation. Use in the drinking water. 25c and 50c; 30c and 55c, postpaid.

Head Lice Ointment. 10c, 25c; 15c, 30c, postpaid.

Poultry Worm Remedy. 50c; 60c, postpaid.

Cholera Remedy. 25c and 50c; 30c and 55c, postpaid.

Cape Remedy. 25c and 50c; 30c and 55c, postpaid.

Mite Liquid. Qt., 60c; 2 qts., 90c; 1 gal., \$1.50.

Poultry Tonic. 1 1/2 lbs., 25c; by mail, 35c; 3 1/2 lbs., 50c, by mail, 70c; 7 lbs., \$1.00; 12 lbs., \$1.60; 25 lbs., \$3.00. Larger sizes, postage extra.

Lice Powder, 5 ozs., 20c; by mail, 25c; 15 ozs., 35c; by mail, 40c; 48 ozs., 75c; by mail, 95c.

Noxicide. A wonderful disinfectant and germicide. Pt., 50c; qt., 80c.

Nox. Dry form of Noxicide. 15 cubes, 60c; by mail, 70c; 30 cubes, \$1.00; by mail, \$1.15.

Fly Knocker. For stockmen and dairymen. Qt., 60c; 2 qts., 90c; gal., \$1.50; 5 gals., \$7.25. Not mailable.

FREE, with orders for \$1.00, Conkey Poultry Book.

PRATT'S REMEDIES



PRATT'S POULTRY REGULATOR.

Pkgs., 25c and 50c; 35c and 65c, postpaid; 9 lbs., \$1.10; 12-lb. pkg., \$1.40; 12-lb. pail, \$1.65; 25-lb. pail, \$3.00; 100-lb. drum, \$10.00. Larger sizes, postage extra.

Pratt's Roup Powder, 25c and 50c, postpaid.

White Diarrhea Tablets, 25c and 50c, postpaid.

Poultry and Stock Disinfectant. Kills germs. Pint, 40c.

qt., 55c; 2 qts., 90c; gal., \$1.50. Not mailable.

Red Mite Special. Qt., 50c; 2 qts., 90c; gal., \$1.50.

Powdered Lice Killer. 5 ozs., 12c; by mail 17c; lb., 25c; by mail, 30c; 2 1/2 lbs., 50c; by mail, 60c.

Pratt's Poultry Worm Powder. 50c and \$1.00; by mail, 60c and \$1.15; 100 lbs., \$12.25.

Pratt's Special Remedy. 25c, postpaid.

Pratt's Fly Chaser. Gal., \$1.30; 5 gals., \$5.60.

Ask for "Pratt's Practical Pointers on Poultry."

BLACK LEAF 40.

Kills poultry lice.

Just paint it on the

roosts. A half pound

size will treat 100 run-

ning feet of roost.

While chickens roost

fumes are slowly re-

leased and penetrate the

feathers, killing the

lice. Eliminates indi-

vidual handling of birds.

Very effective and

largely used now by

leading poultrymen.

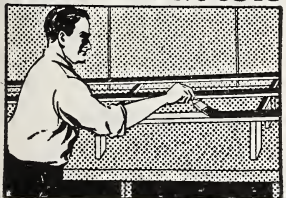
Prices: 1 oz., 35c; 1/2

lb., \$1.25; 2 lbs., \$3.25;

10 lbs., \$11.85. Not

mailable.

"PAINT THE ROOSTS



WITH 'BLACK LEAF 40'

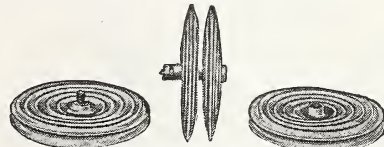
RELIABLE COAL BURNING BROODERS.



Will burn coal or coke and can be used in any kind of building or room in any kind of weather. Has all the latest improvements including Automatic Regulator, which insures a steady heat and saves fuel. Fully guaranteed.

No. 9—42 inch canopy,	500 chicks.....	\$15.75
No. 10—52 inch canopy,	1000 chicks.....	21.00
No. 12—60 inch canopy,	1200 chicks.....	26.00

WAFER THERMOSTATS.



Wafer Thermostats.

For any incubator or brooder. Made of special tempered brass, sensitive, accurate and durable. Made double.

Price, 50c, postpaid.

GANTTER WATER FOUNTAIN.

A new style 12 hole Baby Chick Water Fountain, made to fit any one or two-quart jar. The chicks cannot get into it. Galvanized iron. Without jar, 35c; by mail, 45c.

GANTTER BUTTERMILK FEEDER.

Same as the Gantter Water Fountain except made of charcoal tin instead of galvanized iron. Buttermilk flows freely. No clogging. Without jar, 35c; by mail, 45c.

Gantter Fountain.

SPIRALET LEG BANDS.

(Celluloid). Colors, light blue, dark blue, red, pink, yellow, black, amber, green and white. Mention the colors preferred. Three sizes: Asiatic, American, Leghorn: 25, 30c; 100, 85c, postpaid.

(Spirals also for pigeons and for bantams at the same price.)

COLORS CELLULOID SPIRALET LEG BANDS



SPIRALET NUMBER CLIPS.

Aluminum with large embossed figures. Easily and quickly put on the spiralets. Will stay on. Two sizes. Prices, either size, 12, 20c; 25, 35c; 100, \$1.00, postpaid.



BANDETTES.

A new style of celluloid leg band numbered consecutively, 5 colors—blue, red, yellow, green and pink. 3 sizes—Asiatic, American, Leghorn. Box of 25, 65c; 4 boxes, \$2.00, postpaid. (Name size and color wanted.)

Double Clinch Leg Bands: 12 for 18c; 25 for 30c; 100, 80c, postpaid.

Smith Sealed Leg Bands: 12 for 35c; 25, 60c; \$1.75.

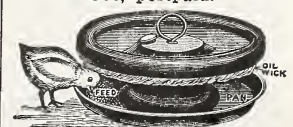


Carbolineum kills chicken mites or fowl ticks in poultry houses. Applied once a year, by brush or sprayer, guaranteed to exterminate the mites or ticks and keep them away a whole year. Money refunded if it fails to do it.

Price: Gal., \$1.75; 5 gals., \$7.00.

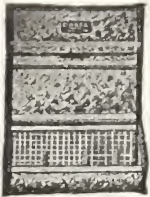


POULTRY PUNCH. 30c, postpaid.



AUTOMATIC CHICK GREASER.

Every chick his own doctor. As he eats his head is thoroughly greased. Price, \$1.50; by mail, \$1.65.



Handy Hopper.



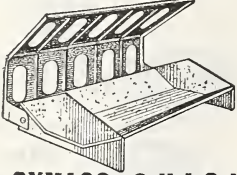
IMPROVED HANDY HOPPER.
Hinged lid keeps out rats and mice.
Has swinging front adjustable to suit any kind of dry mash.
No. 13. Length 18 inches, \$2.25
No. 14. Length 24 inches, 2.75
No. 15. Length 36 inches, 3.90

McCandlish Improved Tin Buttermilk Feeders

22 Openings, 65¢
32 Openings, 90¢

McCandlish BUTTER-MILK FEEDER.

Most satisfactory for feeding buttermilk without waste. 22 openings, 20 inches long, 65¢; by mail, 75¢. 32 openings, 30 inches long, 90¢; by mail, \$1.00.



CYMACO CHICK TROUGH. Galvanized metal. 10 inch, 25¢; by mail, 35¢. 20 inch, 35¢; by mail, 45¢.

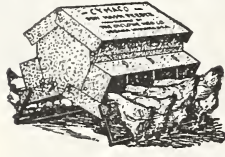
GRIT AND SHELL BOX. For grit, shells and charcoal. Steel, 3 compartments. Poultry size, \$1.00.

AUTOMATIC CHICK FOUNTAIN. Made to fit fruit jar. Pan style. Price, 15¢; by mail, 20¢.

SELF-LOCKING EGG CARTONS.
12, 25¢; by mail, 30¢;
100, \$1.75; 1,000, \$15.00.

McCandlish CHICK FEEDER.

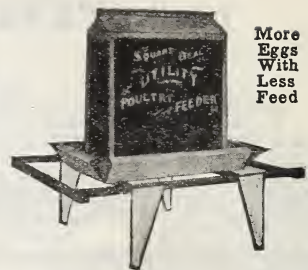
Also used for drinking. Made of galvanized iron. The revolving top rod prevents perching. 12 in., 45¢; by mail, 55¢; 20 in., 50¢; by mail, 60¢; 30 in., 70¢; mail 80¢.



CYMACO DRY MASH FEEDER. For all kinds of dry feed. Made of steel. Prices reduced: 12 inch, capacity 1/2 bu., \$1.85; 24 inch, capacity 1 bu., \$2.50.

UTILITY POULTRY FEEDER.

The last word in poultry feeders. For all kinds of feed. Frame 42x30, feeder 42 inches high. Holds 100 pounds of mash. Total feeding space of 9 feet. Substantially made, well finished. Price, \$6.50.



More Eggs With Less Feed

LAWN PARK COOP.

A handsome parking coop that will telescope. Made of galvanized metal. Price, \$4.00; 6 for \$21.00.

NON-PARKING BROOD COOP. Similar to the preceding without park. Price, \$1.50; 6 for \$7.50.



ALL SEASONS FOUNTAIN.

Keeps water warm in winter and cool in summer. Non-freezing. No fire. No lamps. No danger. No trouble. No upkeep. Double walls. Absolutely sanitary. Guaranteed.

2 gal. size, \$3.50; 3 gal. size, \$4.00; 5 gal. size, \$5.00.

NORWICH AUTOMATIC AIR-LOCK FOUNTAIN. A famous year-round fountain. Price reduced, \$5.00.

COLUMBUS FREEZELESS FOUNTAIN. Holds 2 gals. Price reduced, \$3.00.

IMPROVED DROP BOTTOM FOUNT. 2 qt. size, \$1.00; 1 gal. size, \$1.25.



	Page		Page		Page		Page
Alfalfa.....	4, 5	Chicory, Cress.....	43	Geraniums.....	70, 82, 83	Nursery Stock.....	86, 87
Alyssum.....	2	Chinese Wool Flower.....	69	Gladiol.....	74, 75, 76	Oats.....	14-17
Apple Trees.....	86	Chives.....	51	Godetia, Gomphrena.....	70	Okra.....	43
Aquilegia, Ageratum.....	67, 81	Chrysanthemums.....	69, 83	Gourds.....	43, 70	Onion, Onion Sets.....	50, 51
Asparagus.....	31	Cinnamon Vine.....	2, 3	Grapes.....	86	Onion Plants.....	51
Aster.....	65, 66	Clover Seed.....	78	Grass Seeds.....	6, 7	Orchard Grass.....	6
Baby's Breath.....	70, 81	Cobaea Scandens.....	69	Gypsophila.....	70, 81	Pansy.....	71
Bachelors Button.....	67	Coreopsis.....	67, 81	Hedge Plants.....	85	Parsley, Parsnip.....	54
Balsam.....	67	Corn, Field.....	8-13	Heliotrope.....	70	Pestus Mixture.....	6
Barberry.....	85	Corn, Sweet.....	40, 41	Herbs.....	43	Peanuts.....	55
Barley.....	17, 18	Cosmos.....	64, 65	Hollyhock.....	65, 70, 81	Pear Trees.....	86
Beans, Field.....	20	Coscomb.....	68	Honeysuckle.....	85	Peas, Field.....	20
Beans, Garden.....	31, 32, 33	Crabs.....	86	House Plants.....	82, 83, 84	Peas, Garden.....	30, 52, 53
Beets.....	34, 35	Creeping Bent.....	6	Humulus.....	70	Peonies.....	79
Begonia.....	67, 82	Cucumber.....	30, 42	Hydrangea.....	82, 85	Perennials, Plants.....	80, 81
Bird Baths.....	89	Cultivator.....	89	Inoculation.....	5	Petunia.....	65, 72
Blanket Flower.....	67	Cyprusse Vine, Cyclamen.....	69	Insecticides.....	93	Phlox.....	71, 78
Bleeding Heart.....	80	Cypripedium.....	80	Iris.....	79	Planet Jr. Tools.....	88
Blue Grass, Brome Grass.....	6	Dahlia.....	69, 76, 77	Ivy.....	85	Plants.....	78-87
Bridal Wreath.....	85	Daisy.....	69, 81	Kaffir Corn.....	20	Plant Poods.....	90
Broccoli.....	29	Delphinium.....	64, 70, 81	Kohl Rabi, Kale.....	43	Plum Trees.....	86
Brothers.....	95	Dianthus, Dolichos.....	69	Kochia.....	70	Popcorn.....	41
Brussels Sprouts.....	43	Digitalis.....	69, 80	Larkspur.....	64, 70, 81	Poppy.....	72, 80
Buckwheat.....	18	Dill.....	43	Lawn Grass.....	43, 44, 45	Portulaca, Primrose.....	72
Bug Death.....	93	Dogwood.....	85	Lilacs.....	81, 83, 84	Potatoes.....	27
Butterfly Flower.....	67	Egg Plant, Endive.....	43	Lillies.....	85	Poultry Feeds.....	94
Cabbage.....	29, 36, 37	Emmer.....	18	Lobelia, Lunlun.....	70	Poultry Supplies.....	94-96
Calendula.....	64, 67	Escholtzia.....	64, 65, 68	Mangels.....	35	Privet.....	85
California Poppy.....	64, 65, 68	Euphorbia.....	70	Marigold.....	71	Pumpkin.....	55
Calliopsis, Candytuft.....	67	Everlasting Flowers.....	70, 81	Marjoram.....	43	Pyrox.....	91
Canary Bird Flower.....	67	Ferns.....	80	Melons.....	71	Raspberries.....	20
Cane Seed.....	22	Fertilizers.....	92	Millets.....	23	Rat Corn.....	91
Canna.....	68, 78	Festuca.....	22	Milo Maize.....	20	Red Top.....	6
Canterbury Bells.....	68, 81	Forget-Me-Not.....	70	Moonflower.....	71	Rhubarb.....	55
Caraway.....	43	Four O'clock.....	70	Morning Glory.....	71	Ricinus.....	72
Cardinal Climber.....	68	Fox Glove.....	69, 81	Mulch Paper.....	60	Rutabaga.....	62
Carnation.....	68, 82	Flax.....	20	Muskmelon.....	29, 46, 47	Rye.....	20
Carrot.....	38	Freight Rates.....	1	Mustard.....	43	Rye Grass.....	6
Castor Oil Beans.....	68	Frost Proof Cabbage.....	87	Nasturtium.....	71	Sage.....	43
Cathedral Bells.....	67	Fruit Plants.....	86, 87	Nitragin.....	5, 33, 53	Salsify.....	59
Cauliflower.....	29, 39	Fruit Trees.....	80			Salpiglossis.....	72
Celery, Celeriac.....	68	Fuchsia.....	83				
Celosia.....	68	Fungicides.....	93				
Centaurea.....	69, 81	Gaillardia.....	70, 81				
Cherry Trees.....	86	Garden Tools.....	88-90				
Chick Feed.....	94	Garlic.....	51				

INDEX

OLD'S' GLADIOLI

Crimson Glow

American Beauty

Rose Ash Golden Measure

Purple Glory

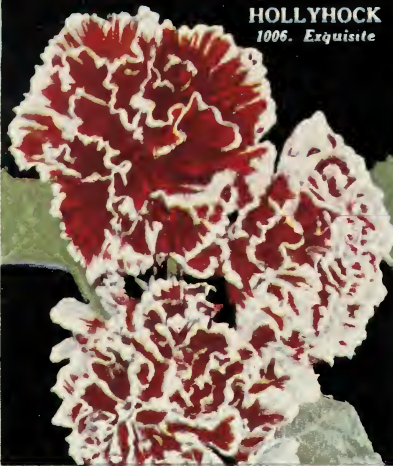
Mrs. Leon Douglas

SEE PAGE 74 FOR PRICES AND DESCRIPTIONS

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VERBENA
1306. *New Golden*



HOLLYHOCK
1006. *Exquisite*



SCABIOSA
1156. *Caucasica*



COSMOS
924. *Hollywood Star*



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871. *Autumn Glory*



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1018. *Los Angeles*



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815. *Cal. Sunshine*

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